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Volume 131 | MARCH 29, 1937 | Number 13

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Dioxan
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Butyraldehyde
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Ketones
Acetone
Methyl Acetone
Methyl Isobutyl Ketone
Methyl Amyl Ketone

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Butyric Acid
Butyric Anhydride

Esters
Methyl Acetate
Ethyl Acetate
Isopropyl Acetate
Butyl Acetate (Normal)
Methyl Amyl Acetate
Octyl Acetate
Ethylbutyl Acetate
Methyl "Cellosolve" Acetate
"Cellosolve" Acetate
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Diethyl Sulphate
Ethyl Acetoacetate
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Propylene Chlorhydrin
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Ethane
Ethylene
Propane
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Butane
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Distribution Study Planned by D. of C.

Aim Is to Locate Stops and Cut Costs—House Reduces Appropriation

WASHINGTON, Mar. 23, 1937.

An appropriation of $125,000 is included in the pending Department of Commerce appropriation bill to enable the Bureau of Foreign and Domestic Commerce to make additional studies of business operations, particularly distribution and retail merchandising.

The Secretary of Commerce, Daniel C. Roper, had desired to establish a bureau of industrial economics or at least a division of industrial economics in the Bureau of Foreign and Domestic Commerce, with an initial appropriation of $500,000. The Bureau of the Budget approved an appropriation of $300,000 for a division of industrial economics, but the house appropriations committee reduced this to $125,000 and directed that the new studies be done by existing divisions in the Bureau of Foreign and Domestic Commerce.

Locating Stoppages

In explaining the need for the new appropriation, Secretary Roper told the house appropriations committee:—

The business depression has unmistakably demonstrated the necessity for two basic lines of research by the government:—First, an adequate diagnosis of the causes of business depressions so that government policies designed to combat them may be carefully formulated with all the facts on hand; second, a complete analysis of our business structure in the fields of production, distribution, and durable goods industries to provide essential facts for formulation of intelligent policies by private industry looking to the elimination of uneconomic practices due largely to lack of adequate information.

The plan was further explained by Dr. Alexander V. Dye, director of the Bureau of Foreign and Domestic Commerce, who told the committee:—

We believe that, by and with the cooperation of manufacturers, wholesalers, and retailers, we shall be able to establish the stock of goods manufactured and in the hands of manufacturers, the stock of goods in the hands of wholesalers, and the stock of goods in the hands of the retailers. By keeping these data current, the business world may know where stoppage in the flow of distribution takes place.

For instance, if it appears at any time that goods are being manufactured, that the wholesaler is buying them, but that the retailer's stocks are accumulating, it is an indication that consumption is not keeping pace with production, which is a dangerous sign. By that means, instead of permitting a depression to get well under way, we could enable the business men themselves to see the signs of decreased consumption as compared with production, and to be able to shape their course of manufacture and of distribution through wholesale channels accordingly.

No New NRA Search

The department also wanted an appropriation to enable it to study the files of the late NRA, in the belief that these hold much information of value to business, but the appropriations committee refused to authorize this and directed that the $125,000 be used for studies of the flow of goods in the processes of distribution and in studies of wasteful and uneconomic practices in distribution, particularly retail sales.

The department plans to use the new appropriation, as far as it will go, in the collection and analysis of current business facts for the guidance of both business and government by expanding its studies into new areas and coordinating them with available data. Duplication of existing research will be avoided, but new research will be undertaken in the fields of national wealth, durable goods, price structures, price-filing, trade practices, price-discrimination, and similar problems which were brought to light by the NRA. It is planned to make analyses of such vital distribution problems as

(Continued on page 52)

Hazardous Freight Rules Simplification Is Planned

Bureau of Explosives Proposes Service Tests in Place Of Descriptions

With the purpose of making the regulations for the transportation of hazardous articles more easily understood by all concerned, the Bureau of Explosives is preparing to suggest to shippers a revolutionary simplification of the official specifications prerequisite to approval of containers. It is the belief of the bureau that all purposes of the specifications can be served by substituting tests of serviceability for detailed descriptions.

The bureau's new system, according to H. A. Campbell, assistant chief inspector, would not only make the requirements more intelligible but would also be conducive to the development of new ideas in containers and to the prompt application of these in practical service. Mr. Campbell outlined the bureau's plan at the conference on "Bulk Packaging," held March 24 in this city, in connection with the general packing

(Continued on page 46)

A.P.M.A. Urges Early Passage Of S.5 Revising U.S. Drug Act

Bill Passed by Senate Commended as Beneficial to Consumer — Research Values Discussed —C.D.Smith New President

ST. PETERSBURG, FLA., March 26, 1937.

Prompt approval by the House of Representatives of S.5, the bill passed by the United States Senate to revise the Federal food and drugs act, was urged by the American Pharmaceutical Manufacturers' Association in a resolution adopted in its annual meeting closing today. Enactment of this measure would be in the interest of the consuming public, the association declared, its resolution reading as follows:—

Resolved: That the American Pharmaceutical Manufacturers Association does hereby record its approval of S. 5 to revise the Federal food and drugs act in the form it passed the United States Senate March 8, and earnestly urges that it be enacted at an early date: this because its enactment will greatly benefit the consuming public of the country.

Much interest was given to several addresses in which the value of properly planned and directed research, in a commercial as well as a professional purpose, was expounded. Evidence of appreciation of the basic and promotive usefulness of research was noticeable, and the same can be said with respect to statistical operating data.

Officers of the association presented broadly economic pictures, and advised close attention to trends in political, as well as business, thought.

The meeting was the best attended in the history of the association, registration having reached a total of 186 on the first day.

George R. Flint, of Flint, Eaton & Co., president of the association, occupied the chair at the business sessions.

The New Officers

In the annual election for officers the association unanimously selected the following:—

President, Carroll Dunham Smith, of the Carroll Dunham Smith Pharmacal Company, Orange, N. J.

First vice-president, H. B. Johnson, of the Zemmer Company, Pittsburgh.

Second vice-president, L. D. Humphrey, of the G. F. Harvey Company, Saratoga Springs, N. Y.

Carroll Dunham Smith
New A.P.M.A. President

Secretary, Fred A. Lawson, of the E. L. Patch Company, Stoneham, Mass.

Treasurer (re-elected), Frank A. Mallett, of the Standard Chemical Company, Des Moines.

Members of board of directors, George R. Flint, of Flint, Eaton & Co., Decatur, Ill.; Carle M. Bigelow, of the Calco Chemical Company, Bound Brook, N. J.; E. S. Paisley, of the National Drug Company, Philadelphia.

Greetings from other associations in the drug trade were presented to the convention as follows:—

American Drug Manufacturers Association, by A. C. Boylston, president.

(Continued on page 49)

Drug Ad Control Offered F. T. C.

Lea Introduces Revised Bill with a Special Penalty for Deception Injurious to Health

WASHINGTON, Mar. 25, 1937.

Complete jurisdiction over advertising of foods, drugs, therapeutic devices and cosmetics is lodged with the Federal Trade Commission under the terms of a new bill introduced by Representative Clarence F. Lea of California, chairman of the house committee on interstate and foreign commerce.

The bill, which bears the number H.R. 5854, represents the work of a subcommittee in revising Mr. Lea's earlier bill (H.R. 3143) expanding the powers of the trade commission upon which hearings were held in February. The original bill contained no references to advertising but at the close of the hearings Chairman Lea suggested an amendment to give the commission power to secure a court injunction to restrain dissemination of false or deceptive food or drug advertising. The subcommittee has enlarged this proposal to give the commission broad powers over such advertising, thus virtually splitting in two the proposals for amending the food and drugs act as carried in the pending Copeland and Chapman bills.

The new bill retains in substantially the same form the provisions of the earlier bill designed to speed up commission proceedings and court appeals and contains the vital provision which the commission has been seeking for several years declaring unfair or deceptive acts or practices in commerce to be unlawful. This new language would remove the present necessity for proving injury to competitors in order to sustain an F.T.C. complaint and would give the commission power directly to protect consumers. The bill contains no definition of unfair or deceptive acts or practices, but it is assumed that this language would cover advertising of all kinds.

Other provisions in the bill would limit to sixty days the period in which a respondent might appeal to the courts for review of a cease and desist order and impose a civil penalty for violation of such an order of not more than $1,000, plus not more than $50 for each day the violation continues.

The new food and drug language is contained in four new sections to be added to the Federal Trade Commission organic act. These sections specifically make it an unfair or deceptive act or practice to disseminate any false advertising which is likely to induce the purchase of food, drugs, devices, or cosmetics. This prohibition covers dissemination of advertising in interstate commerce or advertising which may induce purchase of such commodities in interstate commerce.

False advertisement is defined in the bill as an advertisement which makes an untrue statement of a material fact or omits to state a fact necessary in order to make any word or words, statement, design, or device made or used, in the light of the circumstances under which made or used and to which applicable, not misleading in a material respect.

Whenever the commission has reason to believe that any person is about to disseminate any advertising which will be in violation of this provision, and which will be likely to induce the use of a product in a manner that may be injurious to health, the bill authorizes it to bring suit in a Federal district court to enjoin the dissemination of that advertising pending the issuance of a complaint and its final adjudication.

Any violation of the proposed advertising provision would be subject to a civil penalty of not more than $1,000, plus $50 a day thereafter during continuation of the violation; but a fine of $5,000 or imprisonment for one year might be imposed for dissemination of advertising likely to induce the use of

(Continued on page 52)

Proprietary Association Meets May 25 in N.Y.

The fifty-fifth annual convention of the Proprietary Association will be held May 25 to 27, in the Hotel Biltmore, this city. A dinner for members of the executive committee will be held on the evening of May 24.

Frank A. Blair, president of the association, will preside at the general sessions. Departmental sectional meetings will be presided over by William Y. Preyer, chairman of the advisory commititee on advertising; Dr. George F. Reddish, chairman of the scientific section; Joseph D. Bohan, chairman of the foreign trade section, and Edward Gunst, chairman of the veterinary section.

Closing Market Developments

Tin Salts Strong

Tin salts continued strong at the close of the week. Tin crystals were 45½c. to 46c. per pound; anhydrous tetrachloride of tin, 32c. per pound. Tin oxide was listed nominally at 63c. to 66c. per pound, the highest level at which tin oxide has sold in recent years. Straits tin was quoted at 66c. per pound.

Ohio Gasoline Up

Tankcar gasoline prices advanced ½c. per gallon in Ohio, following the increase in prices at the Midcontinent earlier in the week.

Fish Meal Up

Japanese sardine meal on spot was $1 per ton higher at $56 per ton and little was available for sale as the week drew to a close on Good Friday.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Cottonseed:—Brazil's State of Rio Grande do Norte has passed a law providing that the exportation of cottonseed and cottonseed bran or cake will be permitted only when not prejudicial to feeding the cattle in the State, and the executive power is authorized to prevent, reduce, or limit exportation of these products when necessary.

Crude Oil:—Uruguay has exempted crude oil imported by the National Administration of Combustibles, Alcohol and Cement for its new refinery, from the payment of import tax duty; but the refinery must pay an internal tax on naphtha, kerosene, fuel oil, gas oil, and diesel oil obtained from the duty-free crude oil.

Gasoline:—Netherlands has cancelled the export prohibition on certain grades of gasoline.

Hard Soap:—Canada now classifies hard soap, not being whale oil soap or castile soap, under tariff item 228, as soap not otherwise provided for, when the fair market value at the place of manufacture is over 8 cents a pound wholesale. The duty on soap from the United States under this item is 29¼ percent ad valorem.

Insecticides:—Panama has placed insecticides for plants and stock dips on the duty-free list.

Insecticides and Fungicides:—French West Africa has exempted from import duty insecticides and fungicides intended exclusively for agricultural purposes.

Medicinal Soaps:—Panama has placed medicinal soaps on the duty-free list.

Petroleum:—Bolivia has created a monopoly designated as the Bolivian Government Petroleum Deposits for the purpose of exploring and exploiting oil and derivatives, as well as exporting and merchandising and distributing petroleum within the Republic.

Petroleum:—Czechoslovakia has made imports of petroleum subject to certificate of origin requirements effective May 1.

Petroleum Jelly:—Panama has increased the import duty on petroleum jelly in small containers.

Raw Plate Glass:—Netherlands has made definitely effective the exemption of raw plate glass from ordinary import duty, originally established as a temporary measure.

Sodium Carbonate:—Irish Free State has imposed a duty of 2 shillings per hundredweight of 112 pounds on sodium carbonate imported in any form other than powder, which is free.

Starches:—Netherlands has uniformly reduced the monopoly fees on imports of starches by 0.50 florin, to the following amounts per 100 kilos:—Dextrin, glucose, 3.00 florins; starch, broken and crystal, 4.00 florins; other starch, 2.50 florins.

Vegetable Oils:—Libya has abolished the special duty of 100 lire per 100 kilos on vegetable oils except olive oil and linseed oil.

Chemical Price Trend Slackens

Although there were many price advances in the markets for heavy and fine chemicals last week, their influence was relatively weak, and the general average was raised less than in any of the preceding four weeks. The nonferrous metal markets appeared to have lost their push, and their influence was fading from the chemical field. Business was at least as spotty as it had been for several weeks. The good spots were better, however, and the aggregate volume was relatively large.

Prices were advanced on tin crystals, stannate of soda, needle antimony, arsenate of lead, gray salammoniac, zinc-ammonia chloride, aluminum powder and paste, witherite, phenyl chloride, alginate of soda, imported zinc oxide (pigment), Congo copals, gum thus, corn syrup, Chesapeake fish scrap, domestic tankage, hoofmeal (Chicago), and imported dried blood. Prices were reduced on soaplye and saponification glycerin, santonin, Batavia dammar, elemi, rosin oil, and cocoabutter.

The REPORTER'S composite index number of prices for heavy and fine chemicals rose slightly to 127.2 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.0, against 88.9 at this time last year.

Contents of This Issue

News and Statistics

American Ceramic Society Elects Sosman President 5
A.P.M.A. Urges Early Passage of S.5 Revising U. S. Drug Act 3
British Chemical Wages 31
Bulk Packagers Discuss Drums 5
Brush Trade Rule Called Unfair 33
Creighton Made Director of Atlas Powder Co. 31
Coke By-Product Plant Ordered 31
Chemical Salesmen Elect Lichtenberg President 5
Chilean Nitrate Sales Corp. Accused by F.T.C. 65
Carter Oil Increases Leases 56
Distribution Study Planned by D. of C. 3
Drug Ad Control Offered F.T.C. 3
Fertilizer 'Trust' Probe Still Being Carried On 66
'Hot Oil' Restriction Favored 5
Hazardous Freight Rules Simplification Is Planned 3
Hale & Holmes Reorganizes 66
Housing Act Provision for Painting to Expire 35
Imperial Chemical Wins Capital Reduction Plea 30
Import Ban on Process Patent Goods Proposed 4
Label Nomenclature Standard Is Advocated 31
Moore Talks on Varnish Changes 41
M.M.&R. Issues New Brochure 54
N.Y.P.V.L.A. Jubilee to Be Colorful Assembly 5
N.W.D.A. Committees Completed by Lanigan 35
Oilseeds Statistics by Census Bureau Urged 35
Petroleum Market Status 55
Patman Act Charges Denied by Primrose 5
Proprietary Association Meets May 25 in New York 3
Paint Federation Names Its Committee Chairmen 35
Paint Toxicity Bill Passes N.Y. Senate 35
P. P. G. and Corning Form Construction Glass Company 35
Petroleum Production 56
Retail Druggists to Hold 'Fair Trade' Mass Meeting 54
Rockwell, Warshow Made National Lead Officers 4
Si-Lux Buys Ownership of J.H.R. Products Co. 31
Stark, Murphy Elected Pratt & Lambert Directors 31
Teeter to Go to Europe 48
U.S. to Sell Louisiana Oil Leases 56

General Features

Advertisers' Index 67
Bids Wanted 46
Chemical Price Trends 4
Classified Advertisements 66
Closing Market Developments 4
Contracts Awarded 54
Corporation Earnings 58
Dividends Declared 58
Editorials 26
Foreign Tariff Notes 4
Foreign Trade Openings 25
Industrial Uses of Chemicals 42
Obituaries 56
Prices Current 7
Scientific, Professional Services 58
Some New Books ..... —
Trade-Names and Brand-Names 58
Trade News Briefs 34
What You Can Use 50
Where You Can Sell 42

Market Reports

Botanical Drugs, Spices, Gums 51
Coaltar Chemicals 32
Drugs and Fine Chemicals 47
Dyestuffs and Textile and Leather Chemicals 35
Essential Oils and Aromatics 53
Fertilizer Materials 57
Heavy Chemicals 28
Oils, Fats and Waxes 43
Paint, Varnish, Lacquer Materials 37
Petroleum Solvents, Lubricants, Fuels 55

Shipping Information

Cargo Ship Arrivals ..... —
Charters ..... —
Coastwise Shipments 65
Exports 62
Imports 59
Imports Detained 65

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Rockwell, Warshow Made National Lead Officers

The board of directors of the National Lead Company, at a meeting March 23, elected F. W. Rockwell, vice-president in charge of production, and H. T. Warshow, vice-president in charge of accounts and corporate finance.

Mr. Rockwell was born in St. Louis sixty years ago. He is a son of Fletcher W. Rockwell, one of the founders and original incorporators of the National

F. W. Rockwell

Lead Company and vice-president from the time of its organization to his death in 1908. The son joined the company as superintendent of the Southern White Lead Works in 1896. At the consolidation of the Southern and the Shipman White Lead Works in 1906, he was made general superintendent. In 1920 he became production manager of the National Lead Company, and in 1926 was elected a member of the board of directors. He was appointed a member of the executive committee in 1927.

Mr. Warshow is forty-three years old, a native of New York City and a grad-

H. T. Warshow

uate of Cornell University. He was a lieutenant on the general staff of the United States Army during the World War and joined the National Lead Company as controller in February, 1921. Mr. Warshow was elected a director of the company in 1933 and a member of the executive committee in 1935. He was appointed to the company's pension board last year. He is also a director of the Titanium Pigment Corporation and the Magnus Company, National Lead subsidiaries.

Import Ban on Process Patent Goods Proposed

WASHINGTON, Mar. 24, 1937.

Foreign made goods produced by a process described in any outstanding United States Letters Patent, except under license from the owner of the patent, would be refused admission into this country under the terms of a bill introduced in the house by Representative J. Hardin Peterson of Florida.

The bill (H.R.5725) would make the importation or sale of articles so manufactured an unfair method of competition, and subject to the regulations prescribed in section 337 of the 1930 tariff act.

American Ceramic Society Elects Sosman President

The discussion of results from chemical research and experiments made in 1936, together with a review of the advantages gained from the scientific changes effected recently in the processing of ceramic products, and the election of new officers were the focal points of interest at the thirty-ninth annual meeting of the American Ceramic Society, at the Hotel Waldorf-Astoria, this city, March 21 to 27.

The following officers were elected: President, Dr. Robert B. Sosman, physical chemist of the research laboratory of the United States Steel Corporation, Kearney, N. J.; vice-president, Victor V. Kelsey, Consolidated Feldspar Corporation, Trenton, N. J.; treasurer, C. Forrest Tefft, Claycraft Company, Columbus; secretary (re-elected), Ross C. Purdy. New divisional trustees named were H. G. Wolfran, Porcelain Enamel & Manufacturing Company, Baltimore, enamel division; L. E. Barringer, General Electric Company, Schenectady, art division, and C. E. Bales, Iron Fire Brick Company, Ironton, Ohio, (re-elected), refractory division.

Dr. Robert B. Sosman

The recently developed high-speed mechanized production is the outstanding achievement of the ceramic industry, Francis C. Flint, of the Hazel-Atlas Glass Company, Zanesville, Ohio, declared in his address as president. Mr. Flint stated that the employment of continual research in the ceramic field has opened up numerous new uses for the finished products. He concluded by stating that the ceramic industry was at capacity production levels, as well as having a large backlog of unfilled orders on hand.

J. G. Vail, of the Philadelphia Quartz Company, addressing the meeting, stated that every director of research knows that if he should put the same question to each member of his staff individually no two of them would respond alike. Suppose, for example, Mr. Vail stated, the director of research should express curiosity about the solubility of magnesium sulphate in alcohol. One would shake up a mixture in a test-tube and report pronto. Another, he said, would search the literature, going behind the data in the tables to evaluate controlled check measurements, and finally report with reservations for the factors not taken into account. A third, he continued, would reason from the properties of related compounds and make an elaborate mathematical excursion, while a fourth might remember that his grandfather used the combination of Epsom salts and alcohol in a medicinal way. A wise leader, he concluded, helps his group to regard each other and their common work in perspective.

E. E. Howe and R. L. Fellows, of the Chicago Vitreous Enamel Product Company, reported on the effect of manganese, nickel, and cobalt oxides upon the adherence and reboiling properties of ground costs. Results of the experiment indicated that cobalt oxide was necessary in producing adherence, whereas nickel and manganese oxides increased the firing range. Reboiling was found to be dependent upon adherence. Photomicrographs showed that different phases existed in the interfacial layer when the different metallic oxides were introduced into the enamel.

It was voted to hold the next annual meeting at New Orleans.

Bulk Packagers Discuss Drums

Selection of Satisfactory Type, Closures, Handling, Transportation, and Returns Considered

For the first time in the annual conference on packaging, sponsored by the American Management Association, bulk packaging was this year given a separate place on the program. A group conference of bulk packagers was held, with two sessions, March 24, R. W. Lahey, of the American Cyanamid Company, being the chairman. It was an interesting experiment, and continuation of the idea was considered desirable.

As illustrative of the importance of bulk packaging in industry and commerce, Mr. Lahey cited the use of more than 1,000,000,000 bags as containers last year and the sale of approximately 7,500,000 18-gauge steel 55-gallon drums. Mr. Lahey said that it was highly desirable to accumulate and disseminate information on large-size containers in order that shippers might be enabled to avoid chance in the selection of satisfactory containers and that the burden which usually falls upon the factory manager be lightened as much as possible.

Plans for the bulk packaging conference were first laid last Spring, and several meetings had been devoted to the development of the program, Mr. Lahey said. It would be endeavored, he continued, to carry on the informative work thus begun.

The greatest amount of time and interest in the bulk packaging conference was given to a symposium on "Current Problems in the Use and Transportation of Drums." This was directed by Ralph H. Everett, of the Keystone Varnish Company, and various aspects of the subject were presented by Norman Babcock, of the Carbide & Carbon Chemicals Corporation; J. B. Wiesel, of the Hercules Powder Company; F. A. Herzog, of the Electro-Metallurgical Company; C. W. Clark, of E. I. duPont de Nemours & Co.; T. P. Callahan, of the Monsanto Chemical Company; D. G. Stewart, of E. I. duPont de Nemours & Co.; M. F. Crass, of E. I. duPont de Nemours & Co.; E. D. Thompson, of the Stevens Metal Products Company; H. W. Lees, of the Draper Manufacturing Company; Thomas Thompson, of Charles Pfizer & Co.

Getting Drums Returned

Much of the problem of getting adequate returns of drums by customers has been eliminated by the increasing use of one-time shippers, especially for corrosive liquids, it was pointed out; but the increased cost of the latter was considered likely to cause a resumption of the use of returnable drums. The problem on cylinders remains. Among the methods described for the handling of the problem of returns was one that involved serial numbering of all such containers and keeping a special accounting record of them. Usually the charge for the container is deferred for sixty days, but billing on memorandum was not considered a good plan.

Customers have a habit of keeping drums for use as storage vessels, it was declared. It is difficult to get the customer to prepay the freight on returns. The suggestion was made that payment for the container should be exacted in advance; in any event it was considered desirable to bill the container separately.

Relative Cost of Drum

The cost of a drum, in relation to the value of its contents, must be calculated on the life of the container, it was agreed. There was no close agreement on what was the reasonable life of a drum. This, of course, depends on the nature of the contents, and external corrosion is also a factor. The handling must also be taken into consideration.

It was brought out that some concerns—small ones—will use a drum as long as it will hold together. The practice in chemical manufacturing circles is to keep a check, by weighing the drum, on the effects of corrosive contents, to make minor repairs as required, to sockets, for example, and to retire the drum when its weight has gone down to what is considered a minimum of safety.

There was a general sentiment that the use of one-time or other non-returnable drums offered the solution of many drum problems, and the increased cost of these drums was deplored.

Stainless Steels

General satisfactoriness in the use of stainless steel as a drum material is most closely approached with one containing 18 percent chromium and 8 percent nickel, was the information given on

(Continued on page 28)

Chemical Salesmen Elect Lichtenberg President

The Salesmen's Association of the American Chemical Industry, at a meeting in the Chemists Club, this city, March 25, elected the following officers for the current year:—

President, Charles Lichtenberg, of the Commercial Solvents Corporation.

Vice-President, Charles E. Kelly, of Hagerty Brothers & Co.

Secretary, DeWitt Thompson, of the Mathieson Alkali Works.

Treasurer, J. M. Wafer, of the Industrial Chemical Sales Company.

C. Lichtenberg

Members of the executive committee for three years. A. A. Wasserscheid, of the Mallinckrodt Chemical Works, and W. D. Merrill, of Joseph Turner & Co.

At the meeting some minor changes were made in the by-laws with respect to the handling of the association funds by the treasurer.

John C. Leppart, the retiring president, who has been transferred to the Columbia Alkali Company's plant at Barberton, Ohio, was presented with a silver water pitcher in token of the esteem and friendship of his associates in the association.

'Hot Oil' Restriction Favored

WASHINGTON, Mar. 25, 1937.

The senate finance committee today favorably reported the bill to make the Connally "hot oil" law permanent. This law, which at present would expire in June, prevents the interstate shipment of crude petroleum or its products produced in violation of State proration and conservation laws.

Patman Act Charges Denied by Primrose

WASHINGTON, Mar. 24, 1937.

A denial that it has violated the Robinson-Patman act and an assertion that the act is unconstitutional as applied to it has been filed with the Federal Trade Commission by Primrose House, Inc., cosmetic manufacturer, New York, in answer to the commission's complaint against the use of demonstrators, push money, and price differentials.

The company admits it places demonstrators in retail stores, but denies that this is for the sole benefit of the retailer; admits it pays commissions to retail sales persons, but denies that this is taken into consideration by the store manager in fixing their compensation; admits it conducts promotional sales, but denies that these are for the sole benefit of the retailer; and admits it makes cooperative advertising arrangements with retailers, but denies that such retailers are given different advertising allowances. Furthermore, the company declares that all these arrangements are made available to all its customers on proportionately equal terms. The company also admits it pays transportation costs on certain shipments but asserts that these represent only due allowances for differences in the costs of delivery resulting from differing quantities purchased.

Primrose House also asserts in its answer that the Robinson-Patman act is unconstitutional, following the same line of argument used by a number of other concerns cited under the act. The answer includes the allegations that the act is void because it attempts to regulate trade within the States, delegates legislative power to an administrative agency, is couched in vague and uncertain terms, attempts to regulate prices, imposes arbitrary restrictions upon the company, and denies the respondent due process of law.

N.Y.P.V.L.A. Jubilee to Be Colorful Assembly

Fifteen Former Presidents Will Participate in Fiftieth Anniversary Apr. 7

The golden anniversary jubilee and ladies night celebration of the New York Paint, Varnish and Lacquer Association, to be held April 7, at the Waldorf-Astoria, this city, promises to rival the attendance mark of a national convention and hold social rank with the lavish parties of smart society. Harry R. Hillman, president, and G. Austin Wharry, chairman of the committee, have engaged Rudy Vallee and his entire broadcasting company, including the Connecticut Yankees and other headliners of the Vallee air program. The famed Oscar of the Waldorf has prepared an appetizing menu, and a souvenir befitting the golden anniversary of the association will be distributed to each lady present.

Ernest T. Trigg, president of the National Paint, Varnish & Lacquer Association, will attend with Mrs. Trigg.

Former presidents of the national association who have accepted invitations include E. V. Peters, of the St. Joseph Lead Company, who will be toastmaster, and Mrs. Peters; Samuel R. Matlack, of George D. Wetherill & Co., and Mrs. Matlack; Dudley W. Figgis, of the American Can Company, and Mrs. Figgis; Willard E. Maston, of the Eagle-Picher Lead Company, and Mrs. Maston, and Frank P. Cheesman, of the Cheesman-Elliot Company.

Former Presidents Attending

Former presidents of the New York association who will attend include A. G. Schumann, of the Hilo Varnish Company; Luther Martin, of the Wilkes-Martin-Wilkes Company, now a unit of the Monsanto Chemical Company; Randall O. Walker, of the Thibaut & Walker Company; Harry J. Schnell, of the Oil, Paint & Drug Reporter; David E. Breinig, of Breinig Brothers, Inc.; Charles J. Roh, of the Murphy Varnish Company; Henry G. Sidford, of the National Lead Company; Horatio L. Wilkinson, of the Debevoise Company; William R. Morpeth, of E. I. DuPont de Nemours & Co.; J. W. Robson, formerly of the Standard Varnish Works, now of the Robson Corporation; Harold Rowe, of the National Lead Company; Ralph M. Roosevelt, of the Titanium Pigment Corporation; Ralph H. Everett, of the Keystone Varnish Company; James S. Wolf, of the Standard Varnish Works, and E. S. Blackledge, of the Devoe & Raynolds Company.

Among others who will attend are Gilbert Spruance, of the Gilbert Spruance Company, Philadelphia, and Mrs. Spruance; John C. Buckholtz, president of the Buffalo Club, and Mrs. Buckholtz; George Martin, of the Sherwin-Williams Company, Cleveland; L. P. Moore, of Benjamin Moore & Co.; Ruel W. Elton, secretary of the national association, and Mrs. Elton; and Elliot S. Phillips, of the Devoe & Raynolds Company.

In retrospect over the past fifty years, the association's present membership of more than 200 members doing an annual business of several million dollars lends some note of insignificance to its birth. Grover Cleveland was in his first term in the White House, the Statue of Liberty had been unveiled a few months before, and the great blizzard of '88 was yet to come when a little group of men representing twenty-nine firms met for dinner in Delmonico's restaurant, February 26, 1887.

Start of Organization

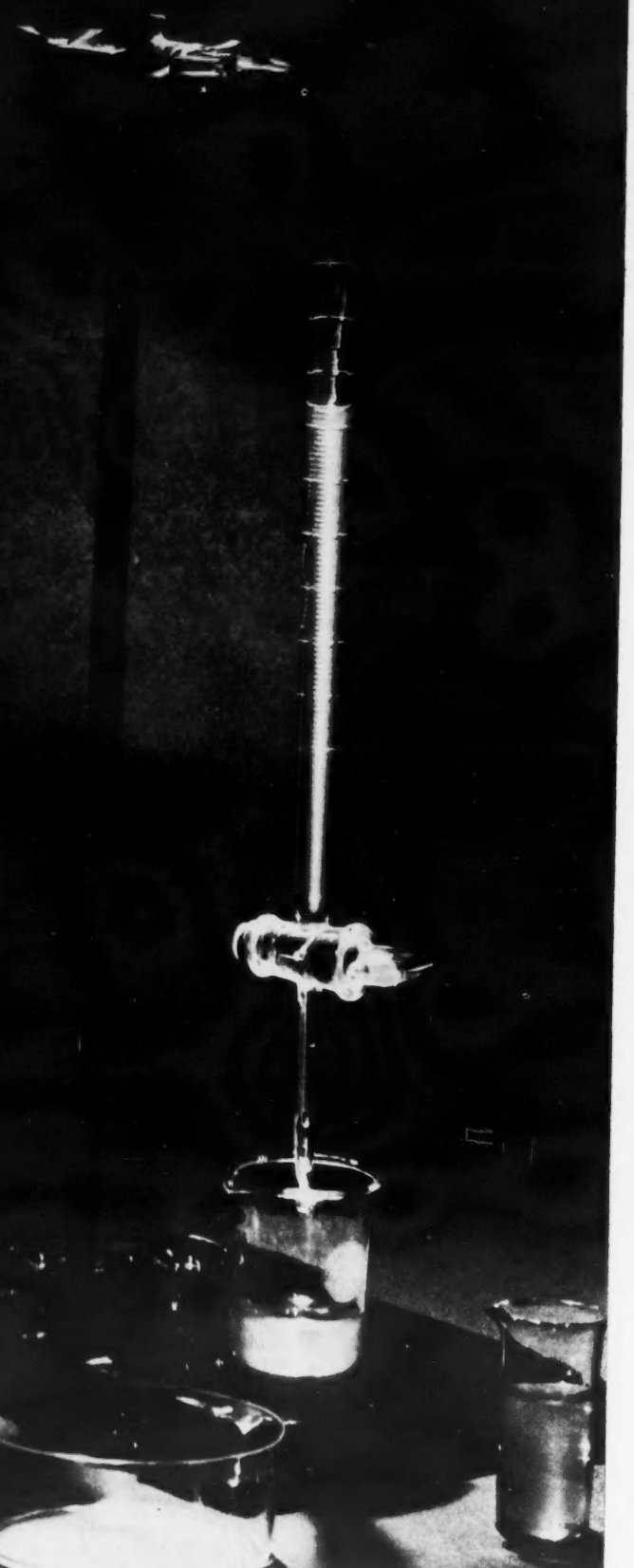
The idea of an organized paint industry in New York was conceived by General E. L. Molineux, of C. T. Raynolds & Company, which was merged in later years with F. W. Devoe & Company to form Devoe & Raynolds, and who was the association's first president, and W. B. Templeton, of the Oil, Paint and Drug Reporter, who became the first secretary-treasurer.

A meeting was held in the Reporter's editorial offices in December, 1886, and an organization committee was formed consisting of R. P. Rowe, who was then secretary of the Brooklyn White Lead Company and later the ranking executive of the National Lead Company; J. Seaver Page, of F. W. Devoe & Co., and Meyer Sondheim, of Sondheim, Alsberg & Co., dry color manufacturer.

The committee appealed for help to the Paint & Oil Club of New England,

(Continued on page 46)

INDICATOR
of Customer Confidence



A customer, satisfied with a brand of merchandise, keeps on buying that brand. This axiom is true of shirts, shoes, candy or chemicals. Customers who started purchasing Mallinckrodt Chemicals years and years ago are still with us. We have, so to speak, grown up together.

There is only one way to convince yourself that the reputation of the qualities of Mallinckrodt Chemicals is deserved. Order and use some. Or drop us a line for samples and quotations.

The Mallinckrodt Monthly Chemical Price List will be sent upon request.

St. Louis
Chicago
New York

Mallinckrodt
CHEMICAL WORKS

Philadelphia
Montreal
Toronto

OVER 2000 FINE CHEMICALS FOR MEDICINAL, INDUSTRIAL, PHOTOGRAPHIC AND ANALYTICAL PURPOSES

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works..lb. .43 - —
smaller lots, works....lb. .48 - 1.00
tech., kegs, c.l., works....lb. .32 - —
l.c.l., 1,000 lbs., works..lb. .38 - —
smaller lots, works....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs....lb. .25 - —
smaller lots....lb. .26 - —
kegs, 1,000 lbs....lb. .26 - —
smaller lots....lb. .27 - —
Acetin, tech., dms....lb. .33 - —
Acetoacetanilide, dms....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .07 - —
l.c.l., dlvd....lb. .07½- —
tanks, dlvd....lb. .06 - —
Methyl (see M)
Acetophenone, bots....lb. 1.30 - 1.45
cns., 25 lbs....lb. 1.15 - 1.25
dms., 100 lbs....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg....lb. 1.35 - —
smaller pkgs....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l....lb. .09¾- —
l.c.l....lb. .10 - —
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.25 - —
cbys....100 lbs. 2.75 - —
56%, bbls....100 lbs. 4.40 - —
cbys....100 lbs. 4.90 - —
70%, bbls....100 lbs. 5.50 - —
cbys....100 lbs. 6.00 - —
80%, bbls....100 lbs. 6.00 - —
cbys....100 lbs. 6.50 - —
glacial, nat., CP., cbys.100 lbs.14.00 - —
com'l., nat., bbls., c.l., 100 lbs. 8.00 - —
cbys....100 lbs. 8.50 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.43 - —
cbys....100 lbs. 8.93 - —
syn., al. dms., c.l.100 lbs. 8.43 - —
cbys....100 lbs. 8.93 - —
USP., reagent, 99.8%, al. dms..100 lbs.10.50 - —
cbys....100 lbs.11.00 - —
pure, 30%, bbls., c.l...100 lbs. 3.52 - —
cbys....100 lbs. 3.92 - —
36%, bbls., c.l....100 lbs. 3.95 - —
cbys....100 lbs. 4.45 - —
60%, bbls., c.l....100 lbs. 6.63 - —
cbys....100 lbs. 7.13 - —
80%, bbls., c.l....100 lbs. 8.32 - —
cbys....100 lbs. 8.82 - —

Acetic acid prices for commercial or redistilled are for any quantity; l.c.l. prices for other grades are uniformly 25c. per 100 lbs. higher than c.l. prices.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys....lb. .14 - .15
Acetylsalicylic, USP, bbls. 225 lbs..lb. .50 - —
boxes, 25 lbs....lb. .51 - —
kegs, 100 lbs....lb. .50 - —
Anthranilic, refd., bbls....lb. .85 - .90
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l. E. works 100 lbs. 1.35 - 1.50
l.c.l., 25 or more, E. works, 100 lbs. 1.60 - 1.75
10-24, E. works....100 lbs. 2.35 - 2.50
1-9, E. works....100 lbs. 2.35 - 2.50
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs....lb. .44 - —
900 lbs. or less....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs....lb. .55 - —
900 lbs. or less....lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs....lb. .56 - .57
900 lbs. or less....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00

USP., $25 per ton higher.

Broenner's, bbls....lb. 1.11 - —
Butyric, 95%, w.w., cbys.,works, lb. .28 - .35
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - 5.70
Capric, dms....lb. .19½- .20
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .16 - .16½
Chicago, bbls....lb. 2.10 - —
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5 drum lots, works....lb. .04 - —
single drum....lb. .05 - —
tanks, works....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .1475- .1675
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .25 - —
kegs....lb. .25½- —
gran., bbls....lb. .25 - —
kegs....lb. .25½- —
powd., bbls....lb. .25½- —
anhyd., gran., dms....lb. .27½- —
powd., dms....lb. .28 - —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Acid, cleve's, bbls....lb. .50 - —
Cottonseed oil, dms....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. No prices
l.c.l., same bases....gal. .85 Nom.
low-boil, dms., c.l., works, frt. equald..gal. .77 Nom.
l.c.l., same basis....gal. .79 Nom.
Imported pale, 97-99, dms..gal. 1.00 Nom.
special resin grade, dms., c.l., works..lb. .09 Nom.
l.c.l., same basis....lb. .09½ Nom.
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l. ....lb. .11 - —
l.c.l., 25 and over....lb. .1150- —
1-24 ....lb. .12 - —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over....lb. .1235- —
1-24 ....lb. .1285- —
southern territory, cbys., c.l. lb. .1220- .1290
l.c.l., 25 and over....lb. .1270- .1340
1-24 ....lb. .1320- .1390
Fumaric, bbls....lb. .60 - —
Furoic, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works....lb. .45 - —
Gallic, tech., bbls....lb. .65 - .68
N.F., VI, bbls....lb. .77 - .80
Gamma, bbls....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls....lb. .07 - .0750
lead, cbys....lb. .09 - .0950
48%, lead cbys....lb. .1150- .12
52%, lead cbys....lb. .1250- .13
60%, lead cbys....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys....lb. .21½- .22½
USP, X, 85%, cbys....lb. .42 - .45
USP, VIII, 75%, cbys....lb. .40 - .43
Laurent's, bbls....lb. .45 - —
Linseed oil, dark or light, dms..lb. .1300- .1340
tanks....lb. .1240- —
extra white, dms....lb. .1125- .1175
split, dms....lb. .0950- .1060
Maleic, powd., dms....lb. .30 - .40
anhydride, dms....lb. .33 - .43
Malic, powd., kegs....lb. .45 - .60
Mandelic, bots....lb. 3.50 - —
fib, dms....lb. 3.25 - —
jars....lb. 3.25 - 3.35
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls....lb. .18 - .19
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, E. works..100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys., c.l., E. works. 100 lbs. 1.45 - —
l.c.l. 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., E. works. 100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
1 to 9, works..100 lbs. 2.95 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Myristic, dms....lb. .14¼- .15
white, redist., dms....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms, lb. .07 Nom.
210-230, dms....lb. .09 Nom.
240-280, dms....lb. .10 Nom.
sludges, dms....lb. .05 Nom.
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
1 to 9, works..100 lbs. 6.00 - —
Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
1 to 9, works..100 lbs. 6.50 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
1 to 9, works..100 lbs. 7.00 - —
42°, cbys, c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
1 to 9, works..100 lbs. 7.50 - —
CP, cbys....lb. .11¼- .12½
7-lb. bots....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palm oil, dms....lb. .08¾- .09½
Phenylacetic, bots....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs. ....lb. .15 - —
50% s.q., 1347, cbys., 70 lbs, lb. .12 - —
djns., 25 lbs. ....lb. .15 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, ref., cbys., works, lb. .25 - —
dms., works....lb. .22 - —
tech., cbys., works....lb. .20 - —
dms., works....lb. .16 - —
Pyrogallic, tech., lump, powd., bbls..lb. .90 - —
cns. ....lb. .95 - —
USP, cryst., cns....lb. 1.55 - 1.60
resubl., cns....lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, dms....lb. .38 - —
Salicylic, tech., bbls....lb. .33 - —
USP, bbls....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .41
Soybean oil, dist., dms....lb. .10¼- .11½
Stearic, distil., double pressed. bgs., dlvd..lb. .12½- .13¼
single pressed, bgs., dlvd.lb. .12 - .13
triple pressed, bgs., dlvd.lb. .15¼- .16¼
saponif., double pressed bgs., dlvd..lb. .12¾- .13¾
triple pressed, bgs., dlvd..lb. .15½- .16½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works....lb. .17 - —
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
1 to 9, works....100 lbs. 2.10 - —
tanks, E. works....ton.12.00 - —
66°, cbys., c.l., E. works. 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
1 to 9, works....100 lbs. 2.35 - —
tanks, E. works....ton.15.50 - —
98%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.35.00 - —
Tannic, tech., bbls....lb. .19 - .26
USP, fluffy, bbls....lb. .83 - .88
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .22¾- —
smaller quantities....lb. .23¼- —
kgs. ....lb. .23¾- —
Tobias, bbls....lb. .65 - —
Trichloroacetic, bots....lb. 2.00 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .30 - .32
Aconitine, amorph., bots....oz.17.00 -18.00
vls. ....gr. .06 - .09
cryst., bots....oz.30.00 - —
vls. ....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms....lb. .16 - .18
Agar agar, 1, bls....lb. 1.05 - 1.10
2, bls....lb. .95 Nom.
3, bls....lb. .85 - .90
Agaric, white, bls....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .11 - —
ton lots, Chicago....lb. .12 - —
less than ton, Chicago, lb. .13 - .15
ton lots, Chicago....lb. .15 - —
less than ton, Chicago..lb. .17 - .20
light, dom., flake, dms, Chicago..lb. .47 - .60
import, bgs....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.06 - —
import, cs....lb. .77 - .78
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld....lb. .143 - —
tanks, frt. alld....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Benzyl, bots....lb. .65 - 1.20

Acacia—Alum, Ammo.

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt., alld....lb. .10½- —
tanks, frt., alld....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms....lb. .08½- —
tanks, same terms....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl., dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
coml., dms....lb. .95 - —
import, 85%, dms., 100 lbs.lb .55 - —
5 to 10 lbs....lb. .75 - —
coml., dms., 350 lbs....lb. .45 - —
Cinnamic, bots....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l., works, E., frt. equal.gal. .33 - —
20 dms., East....gal. .35 - —
1-19 dms., East....gal. .38 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .38 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works....gal. .26 - —
Anhydrous, 5c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .33 - —
20 dms., E. works...gal. .35 - —
1 to 19 dms., E. works, gal. .38 - —
tanks, E. works....gal. .27 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld....lb. .14 - —
tech., contract, dms., c.l., frt. alld. ....lb. .12½- —
l.c.l., frt. alld....lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.12 - —
19 bbls....gal. 4.14 - —
1 to 18 bbls....gal. 4.17 - —
dms., c.l....gal. 4.11 - —
19 dms....gal. 4.13 - —
1 to 18 dms....gal. 4.16 - —
tanks....gal. 4.05 - —
absolute, dms....gal. 4.04 - 6.08½
Grain alcohol 40c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky mts.lb. .13 - —
l.c.l., same terms....lb. .13½- —
tanks, same terms....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies..lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld....gal. .33 - —
refd., 91% dms., c.l., f.o.b. dest. ....gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
98%, dms., c.l., same terms, gal. .44½- —
l.c.l., same terms....gal. .49½- —
tanks, same terms....gal. .39½- —
tech., 91%, dms., c.l., same terms..gal. .35 - —
l.c.l., same terms....gal. .40 - —
tanks, same terms....gal. .30 - —
98%, dms., c.l., same terms, gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
Methyl (see Methanol)
Phenylethyl, bots., cns....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin).
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape, cs....lb. .18 - .19
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .52 - —
Alphanaphthylamine, bbls....lb. .32 - —
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Alum, Potash—Ammoniac, Sal.

Alum, potash, gran., bbls., works, 100 lbs.	**3.00**	**- 3.25**
dlvd. N.Y., Phila....100 lbs.	**3.15**	**- —**
lump, bbls., works....100 lbs.	**3.25**	**- 3.50**
dlvd. N.Y., Phila....100 lbs.	**3.40**	**- —**
powd., bbls., works....100 lbs.	**3.40**	**- 3.65**
dlvd. N.Y., Phila....100 lbs.	**3.55**	**- —**
Potash alum prices on same basis as those for ammonia alum.		
Potash-chrome, bbls.....lb.	**.07**	**- .07½**
Soda, bbls., c.l., works..100 lbs.	**3.25**	**- —**
l.c.l.; dlvd.....100 lbs.	**4.25**	**- 5.00**
Alumina acetate, CP, 20% solut., bbls..lb.	**.09**	**- .10**
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb.	**.05**	**- —**
12,000 to 40,000 lbs., works..lb.	**.06**	**- —**
1,100 to 11,000 lbs., works..lb.	**.07**	**- —**
140 to 875 lbs., works.lb.	**.08**	**- —**
100 lbs. or less, works.lb.	**.09**	**- —**
cryst., com'l, dms., c.l., works..lb.	**.06**	**- —**
l.c.l., dms., works.....lb.	**.06½**	**- —**
solution, 32 deg., cbys., c.l., works..lb.	.02¾	- —
l.c.l., cbys., works.....lb.	.03¼	- —
Hydrate, heavy, bbls., c.l., works..lb.	**.0200**	**- —**
less car lots, works....lb.	**.02½**	**- —**
light, bbls., dlvd.....lb.	**.13**	**- —**
Oleate, dms., contr.....lb.	**.16¾**	**- —**
open order.....lb.	**.17½**	**- .18¼**
Palmitate, precip., bbls.....lb.	**.23**	**- —**
Resinate, precip., dms.. dlvd.lb.	**.15**	**- —**
Alumina stearate, precip., bbls., ctns., c.l..lb.	**.19**	**- —**
l.c.l., ton.....lb.	**.20**	**- —**
less than ton.....lb.	**.21**	**- —**
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs.	**1.35**	**- —**
l.c.l., works, frt. equald.. 100 lbs.	**1.60**	**- —**
bbls., c.l., works, frt. equald 100 lbs.	**1.55**	**- —**
l.c.l., works, frt. equald. 100 lbs.	**1.80**	**- —**
iron-free, bgs., c.l., works, 100 lbs.	**2.00**	**- —**
l.c.l., works.....100 lbs.	**2.25**	**- 2.40**
truckload, dlvd, met. N.Y. 100 lbs.	**2.40**	**- —**
10 to 24, dlvd. met. N.Y. 100 lbs.	**2.55**	**- —**
5 to 9, dlvd. met. N.Y.. 100 lbs.	**2.80**	**- —**
1 to 4, dlvd. met. N. Y. 100 lbs.	**3.30**	**- —**
bbls., c.l., works.....100 lbs.	**2.20**	**- —**
l.c.l., works.....100 lbs.	**2.45**	**- —**
truckloads, dlvd., met. N.Y. 100 lbs.	**2.60**	**- —**
10 to 24, dlvd. met. N.Y. 100 lbs.	**2.75**	**- —**
5 to 9, dlvd., met. N.Y. 100 lbs.	**3.00**	**- —**
1 to 4, dlvd. met. N.Y. 100 lbs.	**3.50**	**- —**
Aluminum, 98-99%, dms., c.l...lb.	**.20**	**- —**
l.c.l. .....lb.	**.21**	**- —**
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss...lb.	.63½	- —
5,000 lbs., same basis..lb.	.64½	- —
2,000 lbs., single shipt., same basis..lb.	.65	- —
Aluminum, paste (Continued):—On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.		
ink, dms., 30,000 lbs., same basis..lb.	.73½	- —
5,000 lbs., same basis..lb.	.74½	- —
2,000 lbs., single shipt., same basis..lb.	.75	- —
split shipts. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis—lb.	.41½	- —
5,000 lbs., same basis..lb.	.42½	- —
2,000 lbs., single shipt., same basis..lb.	.43	- —
split shipts. (see note fine lining paste).		
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb.	.90½	- —
5,000 lbs., same basis..lb.	.91	- —
2,000 lbs., single shipt., same basis..lb.	.92	- —
split shipts. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis..lb.	.53½	- —
5,000 lbs., same basis..lb.	.56½	- —
2,000 lbs., single shipt., same basis..lb.	.57	- —
split shipts. (see note fine lining paste).		
litho, extra brilliant, dms., 30,000 lbs., same basis..lb.	.41½	- —
5,000 lbs., same basis..lb.	.42½	- —
Aluminum, powder, litho, extra brilliant, dms., 2,000 lbs., single shipt., same basis. lb.	.43	- —
split shipts. (see note fine lining paste).		
extra fine, dms., 30,000 lbs., same basis..lb.	.45½	- —
5,000 lbs., same basis..lb.	.46½	- —
2,000 lbs., single shipt., same basis..lb.	.47	- —
split shipts. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis..lb.	.40½	- —
5,000 lbs., same basis..lb.	.41½	- —
2,000 lbs., single shipt., same basis..lb.	.42	- —
split shipts. (see note fine lining paste).		
wallpaper, dms., 30,000 lbs., same basis..lb.	.41½	- —
5,000 lbs., same basis.lb.	.42½	- —
2,000 lbs., single shipt., same basis..lb.	.43	- —
split shipts. (see note fine lining paste)		
rubber comp., dms., 30,000 lbs., same basis..lb.	.38½	- —
5,000 lbs., same basis..lb.	.39½	- —
2,000 lbs., single shipt., same basis..lb.	.40	- —
split shipts (see note fine lining paste)		
unpolished, dms., 30,000 lbs., same basis..lb.	.35½	- —
5,000 lbs., same basis..lb.	.36½	- —
2,000 lbs., single shipt., same basis..lb.	.37	- —
split shipts. (see note fine lining paste)		
varnish, extra brilliant, dms., 30,000 lbs., same basis..lb.	.41½	- —
5,000 lbs., same basis.lb.	.42½	- —
2,000 lbs., single shipt., same basis..lb.	.43	- —
split shipts. (see note fine lining paste)		
extra fine, dms., 30,000 lbs., same basis..lb.	.45½	- —
5,000 lbs., same basis.lb.	.46½	- —
2,000 lbs., single shipt., same basis..lb.	.47	- —
split shipt (see note fine lining paste)		
standard, dms., 30,000 lbs., same basis..lb.	.40½	- —
5,000 lbs., same basis.lb.	.41½	- —
2,000 lbs., single shipt., same basis..lb.	.42	- —
split shipts. (see note fine lining paste)		
Ambergris, gray, tins.....oz.	**22.00**	**-35.00**
Amidopyrene, fib., dms., 100 lbs.. lb.	**4.00**	**- —**
bots., 5 lbs.....lb.	**4.22**	**- 4.25**
Ammonia, acetate, kgs.....lb.	.26	- .33
Aldehyde, dms.....lb.	.65	- .70
Anhydrous, fertilizer, tanks, (50,000 lbs.) works..lb.	**.04½**	**- —**
refrigeration, tanks, works..lb.	**.05½**	**- —**
pure, cyls., dlvd., met. N.Y. lb.	**.16**	**- .23**
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.		
Aqua, 26°, cbys.....lb.	**.05¼**	**- —**
dms., c.l.....lb.	**.02¼**	**- —**
l.c.l., ...lb.	**.02½**	**- —**
tanks (on NH_3 content)...lb.	.04½	- —
tankwagons .....lb.	**.02**	**- —**
Benzoate, dms., 4,000 lbs. or more...lb.	**.41**	**- .42**
1,000 lbs. to 3,900 lbs....lb.	**.42**	**- .43**
900 lbs. or less.....lb.	**.45**	**- .46**
kgs., 4,000 lbs. or more...lb.	**.40**	**- —**
1,000 lbs., to 3,900 lbs...lb.	**.41**	**- —**
900 lbs. or less.....lb.	**.44**	**- —**
Bicarbonate, bbls., c.l., works, 100 lbs.	**5.15**	**- —**
l.c.l., dlvd. N.Y....100 lbs.	**5.71**	**- —**
Bifluoride, bbls.....lb.	**.16**	**- .18**
Borate, bbls., kgs.....lb.	**.15**	**- .16**
Bromide, gran., bbls.....lb.	.35	- —
bxs. .....lb.	.38	- .39
kgs. .....lb.	.36	- —
Carbonate, tech., dom., bbls..lb.	**.08**	**- .12¼**
imported, csks.....lb.	**.08**	**- .12¼**
USP, lump, dms.....lb.	**.08**	**- .11**
powd., bbls., dms.....lb.	**.09**	**- —**
Chloride, tech. (see Ammoniac, sal)		
USP, gran., bbls.....lb.	.11	- .16
kgs. .....lb.	**.15**	**- —**
Citrate, dms.....lb.	**.80**	**- —**
cns. .....lb.	**.85**	**- —**
Fluoride, bbls.....lb.	**.17**	**- .19**
Hydroxide (see Ammonia, aqua).		
Hypophosphite, fib., dms.....lb.	1.10	- 1.17
jars .....lb.	**1.20**	**- —**
Iodide, 5-lb. bots.....lb.	**3.32**	**- —**
jars .....lb.	**3.25**	**- —**
Laurate, bbls.....lb.	.23	- —
Linoleate, 80%, anhyd., bbls..lb.	**.11**	**Nom.**
Naphthenate, bbls.....lb.	.17	- —
Nitrate, tech., bags, c.l., works, 100 lbs.	**3.60**	**- —**
bbls., works.....100 lbs.	**3.75**	**- —**
l.c.l., bags, works.....100 lbs.	**3.85**	**- —**
bbls., works.....100 lbs.	**4.00**	**- —**
Oleate, dms.....lb.	**.15**	**- —**
Oxalate, neutral, cryst., powd., bbls., kgs..lb.	**.22½**	**- —**
Perchlorate, kgs.....lb.	**.16**	**- —**
Persulphate, kgs.....lb.	**.21**	**- .22**
Phosphate, dibasic, N.F.V., bbls. lb.	**.37**	**- —**
kgs. .....lb.	**.39**	**- —**
tech., bbls., c.l.....lb.	**.07¼**	**- —**
l.c.l. .....lb.	**.09**	**- .10**
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works..unit-ton.	**1.20**	**& .70**
pure, bbls.....lb.	**.40**	**- .42**
tech., bbls., c.l.....lb.	**.07½**	**- —**
l.c.l. .....lb.	**.09**	**- .10**
Ricinoleate, bbls.....lb.	**.15**	**- —**
Salicylate, USP, kgs.....lb.	**1.15**	**- 1.20**
Sulphate, dom., bulk, c.l., Mar. June dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.	**25.00**	**- —**
f.o.b. cars, Atlantic, Gulf ports..ton.	**27.00**	**- —**
Birmingham, Ala., ovens..ton.	**27.00**	**- —**
Northern ovens..ton.	**25.00**	**- —**
barge lots, Sparrows Point, Md., Brooklyn, N. Y..ton.	**26.00**	**- —**
dbl. bgs., export, f.a.s. N.Y., ton.	**No prices**	
Sulphide, liquid, dms., works.lb.	**.12**	**- .15**
tanks, delvd.....lb.	**.11**	**- —**
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works..lb.	**.14**	**- —**
smaller lots, works....lb.	**.16**	**- —**
pure, 99-100%, kgs.....lb.	**.55**	**- —**
Ammoniac, gum (see Gum, ammoniac).		
Sal, gray, dom., bbls. c.l. 100 lbs.	**5.50**	**- 5.75**
l.c.l. .....100 lbs.	**6.00**	**- .0676**
white, gran., dom., bbls contracts, works..100 lbs.	**5.00**	**- 5.05**
import, csks.....100 lbs.	**5.00**	**- 5.05**

A CHANGE IN NAME TO

CONTINENTAL CARBON COMPANY

| formerly Witco Carbon Company |

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IN ORDER to avoid any possibility of confusion or conflict in names, the corporate name of this company has been changed to Continental Carbon Company.

This is a change in name only, affecting in no way the personnel, officers or directors, all of whom remain as previously announced.

Additional units of the plant at Sunray are in production and a product of unsurpassed quality becomes available at a most propitious time.

The encouragement in the practical form of orders which this welcome addition to the country's capacity for Carbon Black has received is most gratifying and appreciated.

This new, modern plant, coming at such an opportune time, accepts its obligation with a full sense of the responsibility implied and Continental Carbon Company pledges itself to uniformity of quality and intelligence of service to the Carbon Black consuming industries.

CONTINENTAL CARBON COMPANY
(formerly Witco Carbon Company)
295 MADISON AVENUE, NEW YORK, N. Y.

Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, works.....lb. .10½- —
ex pentane, dms., frt., alld., lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l.,works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, cans.....lb. .65 - 1.25
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots .....lb. 1.15 - 1.20
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .30 - .32
twisted, bls.....lb. .45 - .47
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14 - —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .12 - .12½
Star, bgs.....lb. .11½- .12
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07½- .08¼
Anthraquinone, 99.5%, subl., bbls, lb. .65 - —
Antimony, butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, dom.....lb. .16¾- —
Chinese, duty paid.....lb. .17 - —
Needle, powd., bbls.....lb. .16 - .18
Oxide, dom., bbls., c.l.....lb. .16½ Nom.
l.c.l. .....lb. .16¾ Nom.
import, bbls. .....lb. .16¾ Nom.
Salts, 65%, kgs.....lb. .23¾- .24
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .13
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, crude, 80%, csks.....lb. .07 - .08
80-85%, csks.....lb. .16 - .18
Arnica flowers, bls. .....lb. .27 - .29
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestine (see Talc. N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y..lb. .06½- —
smaller lots, f.o.b. N. Y..lb. .10¼- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton36.50 - —
Cuban A., bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N.Y...ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points.....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery....gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .14 - .15
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.44.00 - —
99%, 200 mesh, bgs., c.l., works..ton.47.00 - —
precip., bgs., bbls., c.l. works, ton.52.50 -57.50
l.c.l., works.....ton.57.50 -62.50
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16¼- .17½
Chloride, C.P., cryst., bbls...lb. .19 - —
dms. .....lb. .20 - —
tech., dom., cryst., bbls., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line. ton.72.00 -74.00
l.c.l., same basis....ton.85.00 -87.00
Zone 2, bgs., bbls., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.....ton.76.00 -78.00
l.c.l., same basis....ton.89.00 -91.00
Zone 3, bgs., bbls., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz., ton.82.00 -84.00
l.c.l., same basis....ton.95.00 -97.00
Zone 4, bgs., bbls., c.l., dlvd. Wash., Ore., Cali., Nev..ton.78.00 -80.00
l.c.l., same basis....ton.91.00 -93.00
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex wrhse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex wrhse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton.25.00 -26.00
l.c.l., ex wrhse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .71½Nom.
Bayberry bark, bgs.....lb. .35 - .40
April arrival, bgs.....lb. .13 - .15
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 96%, 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., cbys., dms, lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. 1.25 - —
5 to 25 lbs.....lb. 1.30 - 1.35
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .56 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, pots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb.13.00 -13.25
Hydrochloride, cns.....lb.13.00 -13.25
Sulphate, cns.....lb.14.75 -15.00
Berberis root, bls.....lb. .14 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .28 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanapthylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.77 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots....lb. 1.35 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.75 - —
Subbenzoate, 5-lb. bots.....lb. 3.37 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.38
fib. dms.....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.72 - —
fib. dms.....lb. 2.60 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 1.40 - —
fib. dms.....lb. 1.30 - —
Subnitrate, powd., bots., cns.lb. 1.22 - 1.48
fib., dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.62 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.57 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08¼- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0505- —
D (Ill., Ia., Wis.)...lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)..lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones, lb. .07¼- —
cs., l.c.l., dlvd. all zones..lb. .08¼- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .06½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08¼
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b., N.Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .28 - .25
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 4.10 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.75 - —
import, bgs., c.i.f. ports, April-May shipt....unit-ton. 3.90 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .16
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —

Amyl Acetate—Brown

Blue, celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.45 - —
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open door.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1 bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse. is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 5.75 - —
16-25 bbls., same basis, 100 lbs. 6.00 - —
6-15 bbls., same basis, 100 lbs. 6.10 - —
3-5 bbls., same basis, 100 lbs. 6.35 - —
1-2 bbls., same basis, 100 lbs. 6.50 - —
monohydrated, dms., c.l. dealers..lb. .08½- .09
l.c.l., dealers.....lb. .09½- .10
Bluestone (see Blue vitriol).
Bone, raw, dom., 4⅛% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -30.00
c.i.f., Atlantic ports..ton.36.50 - —
S.A., bxs., c.i.f. ports.ton. No prices.
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.21.00 -23.00
import, 100-lb. bgs., c.i.f. ports, Apr. shipt..ton.26.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon., 66% phos., bgs., f.o.b. Chicago..ton.20.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.25.50 - —
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 60 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 60 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, dms., same basis.lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .85 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y. or works..lb. .12¼- —
Metallic, bbls., works.....lb. .0215- —
paper bgs., c.l., works.....lb. .02 - —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08½- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —

Symbolic of chemical progress is the Hercules Experiment Station which is available to the processing industries, wherever possible, for work on problems involving Hercules products.

for Chemical Progress

Tomorrow's Products Are Here Today

Tomorrow's products are here today—not merely laboratory curiosities, but actual materials that progressive manufacturers are using NOW. Some of these new Hercules materials and processes are described in this advertisement; a quick summation of outstanding properties reveals that the processing industry can benefit by these new research developments.

What varnish-maker hasn't sought a real, honest-to-goodness, quick-drying varnish? These varnishes, made with a small percentage of Ethyl Cellulose, are now a reality.

Who ever thought that an effective acid- and alkali-resistant paint would ever be made! Yet now such finishes can be made with Tornesit*, a new chlorinated rubber product.

Yesterday, the dibasic acid derived from terpenes (called Petrex* by Hercules Powder Company) was unknown; today it is becoming increasingly popular in alkyd resins, because of new and unusual characteristics made possible by its terpene origin.

An inexpensive new resin such as Vinsol* is destined for wide use not only because of its low cost, but also because of its great dielectric strength, gasoline resistance, and the excellent finishes that can be made from it.

These are but a few of the many new products developed by Hercules in the interest of chemical progress. Today they are rapidly winning a place in the processing industries. Tomorrow they will be by-words, and, as in the case of the introduction of other raw materials, the profits will go to those who realize the possibilities of these products today.

*Reg. U. S. Pat. Off. by Hercules Powder Company

★ ★ ★

Hercose C*

Today, architects are turning to polished metals, chiefly aluminum, brass, bronze, copper, and steel, to carry out modern designs. And they are demanding suitable protective coatings to preserve the natural lustre of the polished metal. This means a hard, clear coat that will withstand outside exposure. A number of products almost fill the bill, but in most instances they seem to be lacking in required properties. Some are not stable to light; others fail to adhere properly; some are too brittle; and others possess low water resistance.

Hercose C, a newly developed cellulose ester, is especially suited for use in this field. Besides the properties listed, this ester forms films that have the characteristic toughness of cellulosic compounds.

Summarizing, Hercose C offers the following general advantages which are particularly desirable for formulating lacquers for polished metals:

Clear: transparent film not discolored by sunlight or heat.

Water-resistant: film is tough and non-porous.

Durable: non-tacky, clear film withstands weathering; retains gloss longer.

Adheres: film adheres to copper, aluminum, brass, steel, bronze, and other alloys.

Quick-drying: dries permanently hard in a few minutes.

Low-flammable: film is very slow-burning.

Miscible: with all common plasticizers and many resins.

Soluble: in low-, medium-, and high-boiling solvents.

Hard: film does not pick up dirt; resists abrasion and weathering.

It is suggested as a base for lacquers used to coat polished metal in architectural motifs, metal airplanes, stainless steel, aluminum alloy trains, cooking utensils, and other objects.

A booklet "Hercose C for Clear Metal Lacquers" is available on request.

*Reg. U. S. Pat. Off. by Hercules Powder Company

ABALYN*—AN EXTENDER FOR PHENOLIC RESINS

Abalyn, methyl abietate, is the methyl ester of abietic acid. It condenses with oil-soluble, resin-reactive phenolic resins to produce tough varnish resins. This condensation is similar to that of ester gum with phenolic resins, but the resins produced give tougher varnishes for an equivalent oil length, and are considerably lower in viscosity. Since Abalyn itself is very resistant to alkalies and acids, and this property is imparted to the Abalyn-extended phenolic, short oil-length varnishes may be prepared which have the toughness and adhesion of long oil varnishes, together with excellent reagent resistance. It is not necessary to prepare the Abalyn-phenolic resin first, but Abalyn, the resin-reactive phenolic, and the drying oil may be cooked together.

*Reg. U. S. Pat. Off. by Hercules Powder Company

VINSOL* RESIN ADAPTED FOR USE IN SCORES OF INDUSTRIES

Besides its rapidly growing use in the electrical industry because of its high dielectric strength, and in the protective-coating industry because of many valuable properties combined with low cost, Vinsol Resin is finding numerous other interesting applications. Those listed here represent but a few of the many possibilities of this new product. It is worth investigating if you can use an inexpensive, hard, high-melting, dark-colored resin that is fast to light and acids, and that is easily soluble in many solvents.

Thermoplastic Coatings and Adhesives: Gels of Vinsol with China wood oil, and special hard cooks of similar mixtures, show promise as thermoplastic coatings. Paper coatings are flexible and are suitable for lamination where a waterproof bond is needed.

Asphalt Emulsions: When saponified, preferably with potassium hydroxide, Vinsol can be used as all or part of the emulsifier for the preparation of asphalt emulsions. Used as the sole emulsifier, Vinsol makes emulsions that are extremely stable. When used with other emulsifiers, such as rosin soap, products of any desired break can be produced.

Tar Improvement: Vinsol Resin serves as a modifier of coal tar pitch. Its use is suggested as a modifier for coal tar in roofing compounds, roofing paints, and similar applications.

Linoleum Cement: Vinsol is of interest as an ingredient of linoleum cement in other than white or pale shades. Its high melting point makes it suitable for battleship linoleums which require cement with a high fusion point.

Resin Manufacture: Vinsol is a base for heat-reactive and oil-soluble synthetic resins, or as a diluent for molding and varnish resins; its use should effect worthwhile economies. Esterified with glycerine, Vinsol yields an extremely hard ester of low acid number, which is superior to untreated resin for molded floor tile, oil varnishes for use with basic pigments, nitrocellulose lacquers for sanding and rubbing, and similar applications.

Molding Powders: Properly treated and ground, Vinsol is a diluent for molding powders containing more expensive resins. Its use is an economy for applications where extremely high tensile strength is not required, such as in molding large cross sections, moldings for displays, ash trays, and similar objects.

*Reg. U. S. Pat. Off. by Hercules Powder Company

PROTECTIVE COATING RESEARCH
Constant research on lacquers, varnishes, and other protective coatings is fostered at the Hercules Experiment Station. The pebble mill set-up for pigment grinding is typical of the small-scale plant operations carried on for the purpose of simulating actual plant practice.

Quick-Drying Varnishes Are Really Here

Satisfactory quick-drying varnishes are here. The addition of small amounts of Ethyl Cellulose to varnishes materially reduces the drying time and imparts also the inherent toughness and durability of cellulose lacquers while retaining the economy of varnish formulations.

As Ethyl Cellulose is miscible with many varnishes, and compatible with many drying oils and varnish resins, the possibilities of the Ethyl Cellulose-varnish type of finish are apparent.

Even with incompatible ingredients, the formula can be adjusted to obtain the desired finish by using sufficient quantity of a compatible resin, a drying oil fatty acid, a blown oil, or any suitable combination of these to obtain compatibility with Ethyl Cellulose.

Quick-drying is not the only advantage that Ethyl Cellulose imparts to varnishes. Other important reasons for using Ethyl Cellulose in varnishes are:

Improves resistance to rapid temperature changes

Ethyl Cellulose varnishes stand up better in the cold-check tests.

Permits reduction of metallic drier

The use of Ethyl Cellulose as a film former often results in a decrease in the amount of metallic drier usually necessary with a varnish. This is important because metallic driers are known to be detrimental to the life of protective coatings.

Reduces surface tack

Ethyl Cellulose dries quickly to a smooth, non-tacky surface.

Increases toughness of varnishes

The toughness so characteristic of cellulose derivatives is imparted to varnishes by Ethyl Cellulose.

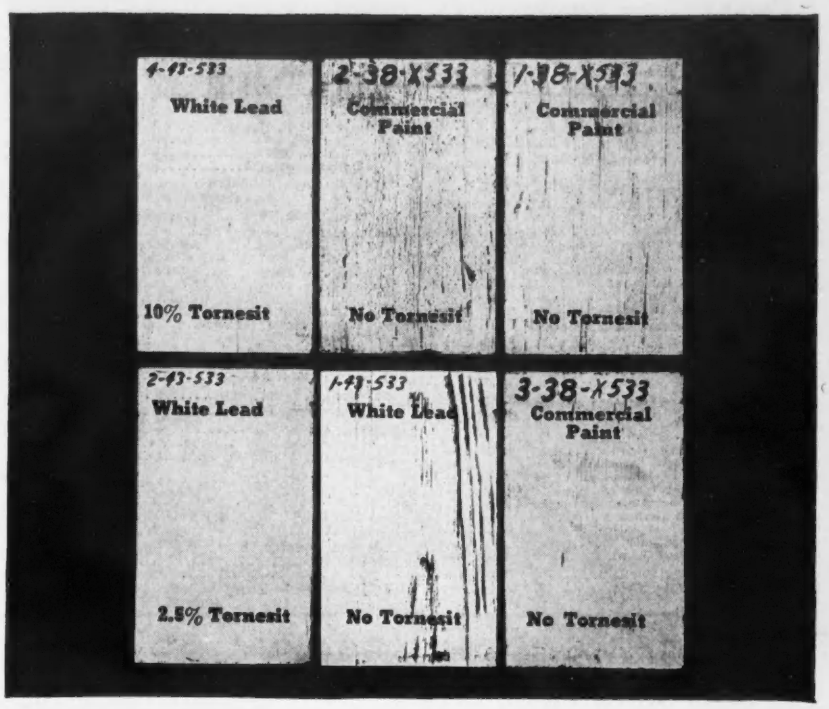
More complete details are available in a new booklet entitled, "Ethyl Cellulose in Varnishes."

EXAMPLE OF REDUCED DRYING TIME

That Ethyl Cellulose speeds up drying time of varnishes is demonstrated by the following example: A 25-gallon cooked varnish (raw linseed oil, 291 parts; ester gum, 150 parts), thinned to 50% solids with xylol, was used for comparison in two mixtures with the results listed below:

	Ethyl Cellulose	Drying Time
Mixture No. 1	None	16 hr.
Mixture No. 2 (chemical drier reduced)	10% of solids	5 hr.
Drying time reduced		11 hr.

(The Ethyl Cellulose was added as a cold-cut to the cooked varnish.)



HOW TORNESIT REËNFORCES OUTDOOR HOUSE PAINTS

Panels 1-43-533, 2-43-533, and 4-43-533 are identical white lead and linseed oil paints, excepting that No. 2 contains 2.5% Tornesit in oil content, and No. 4 contains 10% Tornesit in oil content. Two years' exposure indicates that Tornesit reënforces white lead and linseed oil paints. Panels 1-38-X533, 2-38-533, and 3-38-X533 were coated with standard paints at the same time. The superiority of Tornesit-reënforced finishes is apparent.

Reënforce Finishes With Tornesit*

Tornesit has been manufactured in this country for less than two years, but it is already firmly established as a raw material for use in finishes, adhesives, binders, and emulsions.

Of primary importance is its use for reënforcing paints, varnishes, and enamels with which it is compatible. The addition of small percentages of Tornesit materially improves gloss retention, increases the life and durability of the finish, and also accelerates the drying rate.

Summarized, Tornesit reënforces finishes as follows:

Retains gloss longer.

Greatly accelerates drying rate.

Lengthens life of finish.

Increases resistance to corrosion.

Compatible with many paints, varnishes, and enamels.
(Petroleum thinners and some resins are not compatible with Tornesit.)

Soluble in many cheap solvents.
(Soluble in coal tar hydrocarbons and hydrogenated petroleum solvents.)

Increases acid resistance.

Increases alkali resistance.

For all surfaces.
(Metal, wood, concrete, paper, plaster, wall board, textiles.)

*Reg. U. S. Pat. Off. by Hercules Powder Company

Advantages of Cellulose Acetate

Hercules Powder Company is now in a position to produce cellulose acetate on a large-volume basis. Cellulose acetate offers the following advantages in lacquer formulation:

Light resistance
Low flammability
High gloss
Heat resistance
High dielectric strength
Toughness
Tautening properties
Resistance to mineral oil, alcohol, and gasoline
Good color

PETREX* RESINS

	TYPE	OUTSTANDING CHARACTERISTICS	ACID NUMBER	SOFT POINT	COLOR (ROSIN SCALE)	SPECIFIC GRAVITY	PRINCIPAL USES
PETREX 1	Modified Alkyd	Pale color, good oil and drier compatibility, high gloss	8-10	105-110	N to WG	1.125	Varnishes, lacquers.
PETREX 2	Oxidizing Type Alkyd	Pale color, soluble mineral spirits, compatible with all driers.	45	Soft	WG to WW	1.09	Air-drying finishes, Low-baking finishes.
PETREX 3	Oxidizing Type Alkyd	Pale color, soluble mineral spirits, compatible with all driers.	40	Soft	WG to WW	1.07	Air-drying finishes, Low-baking finishes.
PETREX 4	Oxidizing Type Alkyd	Completely compatible with raw linseed oil, extreme durability, soluble mineral spirits.	25-30	Soft	WW to X	1.08	Fast-drying enamels, house paints, and architectural finishes.
PETREX 5	Unmodified Alkyd	Hard, tack-free, excellent water resistance, light resistance, thermoplastic.	35	95-100	WW to X	1.213	High type lacquers.
PETREX 6 Available in solution only	Unmodified Alkyd	Flexibility, pale color.	35	Soft Balsam	WW	1.19	Soft lacquer resin.
PETREX 7 Available in solution only	Unmodified Alkyd	Flexibility, pale color.	35	Plastic Solid	WW	1.19	Soft lacquer resin.
PETREX 21	Unmodified Alkyd	Tack-free, adhesive.	38	74	WW	1.20	Thermoplastic adhesive for various applications.
PETREX 22	Unmodified Alkyd	Flexibility, pale color.	38	65	WW	1.195	Flexible, non-tacky paper lacquers

*Reg. U. S. Pat. Off. by Hercules Powder Company

Let these products work for you

The Hercules products described in this advertisement are comparatively new. All have commercial uses, and many have possibilities not yet exploited. Chemists may find answers to many processing problems in some of these raw materials. Further details are available: just use the coupon.

HERCULES POWDER COMPANY
INCORPORATED
905 King Street, Wilmington, Delaware

I should like to have more information about:

☐ Petrex ☐ Tornesit ☐ Pale Wood Rosin
☐ Hercose C ☐ Abalyn ☐ Ethyl Cellulose
☐ Vinsol ☐ Lacquer Emulsion ☐ Cellulose Acetate

My Problem is: _____

Name _____

Address _____

Company _____ IN-51

Brown—Castor Pomace

Brown sienna, burnt, Ital., 10, bbls., same basis..lb. .06½- —
11, bbls., same basis....lb. .06½ —
12, bbls., same basis....lb. .06 - —
13, bbls., same basis....lb. .05¾- —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works lb. .02½- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10⅞- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis....lb. .05¾- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls., works. lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle. lb. .04⅞- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06½- .06

Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .65 - .75
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import., stands.....lb. .11½- .12½
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03¼
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol).
Aldehyde, dms., l.c.l. .....lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .25 - —
Butyric, ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, bots., jars.lb. 1.44 - 1.59
Iodide, bots.....lb. 3.77 - 3.82
jars .....lb. 3.65 - —
Lithopone (see Yellow).
Cadmium, metal, cs.....lb. 1.20 Nom.
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.05 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
25 lb. dms. 10,000 lbs., or more. lb. 2.08 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
25 lbs.....lb. 2.40 - —
10-lb. cns., 10,000 lbs., or more. lb. 2.10 - —
2,000 lbs., or more.....lb. 2.15 - —
1,000 lbs., or more.....lb. 2.20 - —
100 lbs.....lb. 2.30 - —
less than 100 lbs.....lb. 2.45 - 2.60
5 lb. cns., 25 lbs., or more. lb. 2.40 - —
less than 25 lbs.....lb. 2.55 - 2.70
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots.....lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾ —
l.c.l., dealers.....lb. .07¼- —
Calcium arsenate, southern cotton states, dealers, dms., c.l. lb. .06½- —
l.c.l., dealers.....lb. .07 - —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Calcium, bromide, jar.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride flake, dom., 77-88%, bgs. dms., c.l., dlvd., ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms.. c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm. gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000 lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP, bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex-vessel..ton.26.10 - —
Palmitate, bbls.....lb. .22 - .28
Phosphate, dibasic, precip., 38-42% P_2O_5 bgs., c.l.f. Atlantic ports, May shipt. unit-ton. .74 Nom.
tribasic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
smaller lots.....lb. .21 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works. 100 lbs..lb. .85 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .43 - .45
Calomel, bbls., fib., dms.....lb. 1.40 - 1.41
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs. .....lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .06¼- .06⅝
Morocco, bgs.....lb. .0636 Nom.
Turkish, bgs.....lb. .06⅜- .06⅝
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.35 - 1.40
powd., bxs.....lb. 1.70 - 1.75
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .07⅜- .08
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works.....lb. .89 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.. lb. .85 - —
98.5-99%, dms., ton lots, works. lb. .75 - —
smaller quantities, works.. lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis. lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls. .....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.....lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid. 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.70 - 2.00
decorticated, cs.....lb. 1.60 - 1.65
green, bgs.....lb. 1.15 - 1.25
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .14 - .15
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs, c.l., dlvd..lb. .17 - —
5 tons, works.....lb. .17½- —
smaller lots, works.....lb. .18 - —
80-100 mesh, bgs., c.l., dlvd.. lb. .17½- —
5 tons, works.....lb. .18 - —
smaller lots, works.....lb. .18½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .18½- —
80-100 mesh, bgs., c.l., duty pd..lb. .19 - —
French, 30 mesh, bgs., c.l., duty pd..lb. .18 - .19
Cassia, Batavia, 1, bgs.....lb. .12¾- .13¼
3, bls.....lb. .07¼- .07½
short stick, bls.....lb. .11½- .12
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra bls.....lb. .04 - .04½
Saigon, bls.....lb. .15½- .16
Cassia buds, cs.....lb. .13½- .14
Cassia fistula, bskts.....lb. .09 - .10
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs, c.l., works.....ton.23.00 - —
import, bgs., c.i.f.,ports, shipment..ton.23.00 Nom.

Liquid Chlorine

ANY QUANTITY... AT ANY TIME

CHEMISTRY
THE KEYSTONE OF INDUSTRY

A few of the Pennsylvania Salt Manufacturing Company Products:

CAUSTIC SODA
KRYOLITH
(Natural Greenland Cryolite)
BLEACHING POWDER
(Chloride of Lime)
SODIUM ORTHOSILICATE, ANHYDROUS
CARBON TETRACHLORIDE
CARBON BISULPHIDE

AS one of the country's oldest and largest producers of chemicals, Pennsylvania Salt Manufacturing Company is equipped to supply Liquid Chlorine in any desired quantity upon the shortest possible notice. Production and shipping facilities alike are adequate to take care of customers' demands with the utmost promptness, protecting you against unnecessary delay no matter what your requirements or where you may be located.

The Chlorine produced by this Company is of high purity and comes to you in tank cars or cylinders that are cleaned and tested with great care. Our highly specialized technical service is always available to help our customers with difficult problems.

EST. 1850 TRADE MARK
PENNSYLVANIA SALT MANUFACTURING COMPANY
EXECUTIVE OFFICES, WIDENER BLDG., PHILADELPHIA, PA.
BRANCH SALES OFFICES: NEW YORK · CHICAGO · ST. LOUIS · PITTSBURGH · TACOMA · WYANDOTTE

Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .18½- .19¼
Indian, bgs.....lb. .15½- .16
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, divd. N.Y...bbl. 6.10 - —
less than 5 tons, truck divy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works.. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .21
Roman, bls.....lb. .26 - .28
Charcoal, softwood, powd., bgs., c.l., divd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso).....ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .02 - —
tanks .....lb. .01625- —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works..ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works. ton. 8.50 - —
paper bgs., c.l., works. ton.11.00 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., divd., N.Y..lb. .05½- —
contracts, divd., N.Y...lb. .05½- —
l.c.l., divd., N.Y.....lb. .07½- —
Chlorine, liq., tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald.. 100 lbs. 3.00 - —
Chloroacetophenone, tins, works, lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works, frt. equald..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, bbls.....lb. .05 - .08
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .20 - .22
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .20 - .22
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
sulphate, N.F., cns..100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP., boxes, 5 lbs. lb. 3.75 - —
bots, 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .18½- Nom.
3, bls.....lb. .18 - .18½
Citral, cns.....lb. 1.75 - 2.15
Citrine ointment, jars, tubes..lb. .75 - —
Citronellol, bots., dms.....lb. 1.75 - 2.00
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .18¾- .19¼
Zanzibar, bls.....lb. .19½- .20
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
dms., c.l., works.....dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .09
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs., dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.50 - —
Chloride, dms., works.....lb. .67¾- .72½
Hydrate, bbls.....lb. 1.60 - —
Linoleate, paste, 6%, dms...lb. .29 - —
solid, 8½%, bbls.....lb. .31 - —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A. bbls.....lb. .13 Nom.
1%, bbls.....lb. .12½ Nom.
2%, bbls.....lb. .13½- —
3½%, bbls.....lb. .16½- —
precip., dms., dlvd.....lb. .31½- —
Sulphate, dms.....lb. .51 - .58
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .19 - .20
Cocoa butter, lumps, bgs., c.l..lb. .25½- .26
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06½- .07
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs..lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .70 - .75
Colombo root, bls.....lb. .55 Nom.
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba balsam, Para, cns....lb. .47 - .49
S.A., USP, cns.....lb. .49 - .51
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-59%, bbls.....lb. .19 - —
18-20%, bbls.....lb. .10½- .12½
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .16¼- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. No prices
smaller lots, works....lb. No prices
Red, com'l, 50-75%, kgs., c.l., f.o.b. N. Y..lb. No prices
l.c.l., f.o.b. N. Y....lb. No prices
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0510 Nom.
Coriander seed, Morocco, bgs...lb. .05¼- .05¾
bleached, bgs.....lb. .07 - .07½
Russian, bgs., lbs.....lb. No stocks.
Corn sugar, tanners, bbls., c.l., divd..100 lbs. 3.89 - —
ex whse.....100 lbs. 3.99 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.91 - —
43°, bbls., c.l.....100 lbs. 3.96 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, cryst., bxs., lb. 1.28 - 1.33
dms., 25 lbs.....lb. 1.20 - —
gran., powd., bxs.....lb. 1.13 - 1.18
dms., 25 lbs.....lb. 1.05 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, divd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .15¾- —
kgs. .....lb. .16¼- —
smaller lots, bbls.....lb. .16¼- —
kgs. .....lb. .16¾- —
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13 - .13½
Coaltar solution, tanks, works gal. .113 - .125
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works..lb. .10 Nom.
l.c.l., same basis.....lb. .10½ Nom.
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast. lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
Cube root, 4% rotenone prices, 5c. per lb. less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .32 - .33
powd., cs.....lb. .36 - .37
Culver's root, bls.....lb. .17 - .19
Cumin seed, Algerian, bgs....lb. .07½- .08
Indian, bgs.....lb. .08½- .08¾
Morocco, bgs. .....lb. .07½- .08
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, divd. interior, NH_3 unit. 1.15 - —
Atlantic ports. NH_3 unit. 1.10 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

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Damiana leaves, bls.....lb. .16 - .20
Dandelion root, German, bls..lb. .20 - .21
Deertongue leaves, bls.....lb. .25 - .30
Degras, common, dom., bbls...lb. .07¾- .08
English, bbls. .....lb. .07¾- .08
neutral, dom., bbls.....lb. .11½- .13
English, bbls. .....lb. .11½- .13
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., or Balto., frt. prepaid to West Coast ports..lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
1 bbl., same basis....lb. .44 - —
less than 200 lbs., same basis..lb. .47 - —
import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less.
Dextrin, British, gum, c.l., f.o.b. Chicago..100 lbs. 4.70 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.90 - —
Corn, canary, bgs., c.l., f.o.b. Chicago—100 lbs. 4.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.65 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 4.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.60 - —
Potato, import., bgs.....lb. .07⅞- .08⅜
Tapioca, bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .19½- —
l.c.l., dlvd.....lb. .20 - —
tanks, dlvd.....lb. .18½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., l.c.l., works, lb. .75 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Dianisidin, bbls. .....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -160.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .20 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms. .....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Diethanolamine, dms.....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbino)
Phthalate, dms., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
tanks .....lb. .17 - —
Diethylanilin, dms.....lb. .50 - —
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .19 - —
l.c.l., works .....lb. .20 - .21
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l., dms., works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .24 - .25
Digylcol oleate, light, bbls....lb. .21 - .24
Dillseed, recleaned, bgs.....lb. .06½- .07
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .16 - .19
Dinitrochlorobenzene, bbls.....lb. .16½- .17¼
Dinitronaphthalene, kgs. .....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .23 - .24
Dinitrotoluene, dms, ...lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works .....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls. .....lb. .81 - .82
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots. .....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .13 - .14
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls. .....lb. .07 - .08
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
56 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet .....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
269 Fast cyanin 5R.....lb. .80 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
826 Direct fast scarlet..lb. 2.00 - 2.25
364 Paper yellow .....lb. .85 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
882 Direct scarlet B.....lb. 1.50 - 1.75
887 Direct violet B.....lb. 1.00 - 1.20
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
443 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
626 Acid violet .....lb. 1.00 - 6.00
813 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50

Catnep—Ephedrine

Dyes, coaltar, for general uses (numbers are those of Colour Index Scale):—
A177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .20 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive .....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
78 Sudan II.....lb. 1.05 - —
268 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.85 - —
860 Indulin .....lb. .70 - —
Brown:—
831 Bismarck brown ....lb. 1.80 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow—lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray .....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
900 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .85 - —
235 Resorcin dark brown R. lb. .90 - —
231 Bismarck brown G..lb. .53 - —
232 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.85 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1079 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
81 Amidonaphthol red G. lb. .42 - —
57 Amidonaphthol red 6B. lb. .38 - —
79 Ponceau R.....lb. .42 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .53 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A.....lb. .38 - —
262 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
788 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
696 Acid violet 4BN.....lb. .38 - —
Yellow:—
10 Naphthol yellow S..lb. .38 - —
138 Metanil yellow.....lb. .55 - —
636 Fast light yellow...lb. 1.35 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.37 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .40 - .45
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .48 Nom
import, cs.....lb. .53 - .56
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs. .....lb. .18 - .19
select, bndls., cs.....lb. .37 - .40
Emetine hydrochloride, bots., cs.15.00 -16.00
Ephedra, bls.....lb. .96 - .97
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —

Epsom—Glauber's Salt

Epsom salt, tech., bgs.	100 lbs.	1.70	—
bbls.	100 lbs.	1.80	—
USP, cryst., dom., bgs., c.l.	100 lbs.	1.90	—
l.c.l., 5,000 lbs., 1 withdrawal	lb.	2.15	—
smaller lots	lb.	2.40	—
bbls., c.l.	lb.	2.00	—
l.c.l., 5,000 lbs, 1 withdrawal	lb.	2.25	—
smaller lots	lb.	2.50	—
kgs., c.l.	lb.	2.25	—
l.c.l., 5,000 lbs., 1 withdrawal	lb.	2.50	—
smaller lots	lb.	2.75	—
import, bgs	100 lbs.	2.00	—
dried, dom., bgs., l.c.l.	lb.	.09	.08
Ergot, USP, cs, dms	lb.	1.95	2.00
Eserine, bots	oz.	42.00	—
Salicylate, bots	oz.	29.00	30.00
Sulphate, bots	oz.	30.00	—
Ether, acetic, dms, 400 lbs.	lb.	.09	—
cns, 35 lbs.	lb.	.14	—
Ethyl (see Ether, sulphuric)			
Nitrous, conc., bots., 100 lbs.,	lb.	.68	—
Sulphuric, conc., dms., 120 lbs.,	lb.	.09	—
cns., 27 lbs.	lb.	.14	—
synth., dms., c.l., works	lb.	.08	—
l.c.l., works	lb.	.09	—
USP, anesthesia, dms., 27 lbs.,	lb.	.26	—
USP, 1880, dms	lb.	.39	.40
washed, dms	lb.	.37	.38
Ethyl acetate, dms., c.l., frt. alld.	lb.	.07½	—
l.c.l., frt. alld	lb.	.08	—
tanks, frt. alld	lb.	.06½	—
anhyd., dms., c.l., frt. alld.	lb.	.06½	—
l.c.l., frt. alld	lb.	.09	—
tanks, frt. alld	lb.	.07¼	—
Ethyl, acetoacetate, dms, c.l., works	lb.	.27½	—
l.c.l., dms., works	lb.	.28	—
Bromide, tech., dms	lb.	.50	.55
Caproate, cns	lb.	1.00	—
Chloride, dms	lb.	.22	.24
Cinnamate, bots	lb.	3.40	4.25
Crotonate, dms., works	lb.	1.00	1.30
Formate, dms	lb.	.27	.30
Iodide, bots	lb.	5.55	5.70
Lactate, 55-gal. dms., works	lb.	.33	—
5-gal. dms., works	lb.	.36	—
Oxalate, dms	lb.	.30	.34
Silicate, l.c.l., dms., works	lb.	.77	—
Ethylbensylanilin, dms	lb.	.36	—
Ethylcellulose, 501 lbs. and over, works	lb.	1.00	—
101 lbs., works	lb.	1.05	—
smaller lots, works	lb.	1.15	—
Ethylene bromide, dms	lb.	.65	.70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0545	—
West of Rockies, same basis	lb.	.0595	—
l.c.l., dms., works, E. of Rockies, frt. alld.	lb.	.0644	—
West of Rockies, same basis	lb.	.0694	—
Ethyleneglycol, dms., c.l.	lb.	.17	—
l.c.l.	lb.	.18	.21
tanks	lb.	.16	—
Monobutylether, dms., c.l., works	lb.	.20	—
l.c.l., works	lb.	.21	.24
tanks, works	lb.	.19	—
Monoethylether, dms., c.l., works	lb.	.16	—
l.c.l., works	lb.	.17	—
tanks, works	lb.	.15	—
Monoethylether acetate, dms., c.l., works	lb.	.14	—
l.c.l., works	lb.	.15	—
tanks, works	lb.	.13	—
Ethyleneglycol, monomethylether, dms., c.l., works	lb.	.18	—
l.c.l., works	lb.	.19	.22
tanks, works	lb.	.17	—
Ethylidinanilin, dms	lb.	.45	.47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.,	lb.	.07	—
l.c.l., same terms	lb.	.07½	—
tanks, same terms	lb.	.06	—
Ethylorthoparatoluenesulphonamide,	bbls.	.55	—
Ethylparatoluenesulphonamide,	bbls.	.60	—
Eucalyptol, cns, dms	lb.	.65	.70
Eucalyptus leaves, bls	lb.	.09	.10
Eugenol, cns	lb.	2.15	2.55
Euphorbia, bls	lb.	.06	.06¼

F

Feldspar, enamel, 100 mesh, bulk, works	ton.	14.00	15.00
glass, 20 mesh, bulk, works	ton.	11.00	12.25
pottery, bulk, Me. works	ton.	17.00	19.00
N.C. works	ton.	17.00	19.00
Fennel seed, French type, bgs.,	lb.	.07	.07¼
India, bags	lb.	.07¼	.07½
German, large, bgs	lb.	.18	.19
small, bgs	lb.	.13	.14
Fenugreek seed, bgs	lb.	.04¾	.05¼
Ferric sulphate, dms., works	ton.	35.00	40.00
Film scrap, colors, dark, cs. 1,000 lbs. or over, E. works	lb.	.12½	.13
smaller lots, E. works.	lb.	.13½	.14
Film scrap, light, cs., 1,000 lbs. or over, E. works	lb.	.14	.15
smaller lots, E. works.	lb.	.15	.16
water white, cs., 1,000 lbs. or over, E. works	lb.	.15	.16
smaller lots, E. works.	lb.	.16	.17
Film scrap prices f.o.b. Calif. works, 1c lb. lower.			
Fir balsam, Canada, cns	gal.	8.75	13.00
Oregon, bbls	gal.	3.00	3.25
Fish berries, bgs	lb.	.09	.10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures	unit-ton.	3.75 &	.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b.	Balto.	.ton.59.00	60.00 Nom.
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts	unit-ton.	3.15 &	.50
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports	unit-ton.	No prices.	
Japanese, 11½% ammon., bgs., c.i.f. ports, April shipt.	ton.	47.00	48.00
July shipt.	ton.	46.00	—
Flake white, bbls., kgs	lb.	.10¼	.10¾
Fleaseed, French, black, bgs.	lb.	.11½	.12
Indian, blonde, bgs	lb.	.08	.09
Fluorspar, enamel, 96-98%, bgs.,	ton.	No prices.	
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines	ton.	No prices.	
import., bulk, Atlantic ports, duty-paid	ton.	No prices.	
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines	ton.	No prices.	
powd., 97%, import., bgs., Atlantic ports, duty-paid	ton.	No prices.	
Formaldehyde, bbls., c.l. works,	lb.	.05¾	—
l.c.l., works	lb.	.06¼	—
dms., c.l., works	lb.	.05¼	—
l.c.l., works	lb.	.05¾	—
tanks, works	lb.	.04½	—
Fringetree bark, bls	lb.	.13	.14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines	ton.	10.00	—
import., bgs., c.l., ex dock	ton.	23.00	—
l.c.l., ex whse	ton.	30.00	—
Furfural, refd., dms., c.l., works,	lb.	.15	—
l.c.l, works	lb.	.17½	.25
tech., dms., contracts, 150,000 lbs., works	lb.	.10	—
c.l., works	lb.	.12½	—
l.c.l., works	lb.	.15	.20
tanks, works	lb.	.09	—
Fusel oil, refd., dms. incl., dlvd.	lb.	.16	.18
Fustic extract, cryst., bbls	lb.	.20	.25
liquid, bbls	lb.	.08½	.09
solid, dms	lb.	.16	.18

G

G salt, bbls	lb.	.45	.48
Galangal root, bls	lb.	.08	.09
Gall extract, bbls	lb.	.19	.20
Gambier, common, bgs	lb.	No prices	
plantation, bgs	lb.	.09	.10½
Cubes, Singapore, bgs	lb.	.09½	.10½
Extract, bbls	lb.	.08½	.10½
Gasoline, at refinery:—			
Bayonne, US motor, 62-63 octane, tanks	gal.	.07	—
65 octane, tanks	gal.	.07¼	—
above 65 octane, tanks.	gal.	.07½	—
California 56-58, 375 e.p., tanks	gal.	.07½	—
Gulf Coast, US motor, bulk	gal.	.05¾	—
60-62, 390 e.p., bulk, export,	gal.	.06	—
60-62, 400 e.p, bulk, export,	gal.	.05¾	—
64-66, 375 e.p., bulk, export,	gal.	.06½	—
Louisiana-Arkansas, US motor, 62 octane, tanks	gal.	.05¾	.06
63-67 octane, tanks	gal.	.06½	.06¾
68-70 octane, tanks	gal.	.06¾	.06¾
Oklahoma-Texas, U.S. motor, 62 octane and below, tanks	gal.	.04¾	.05⅜
63-67 octane, tanks	gal.	.05¼	.05⅜
68-70 octane, tanks	gal.	.05⅜	.06
60-62, 400 e.p., tanks	gal.	.04¾	.05⅜
64-66, 375 e.p., tanks	gal.	.05	.05¼
natural, 12-lb. v.p., tanks	gal.	.05¼	.05½
14-lb. v.p., tanks	gal.	.05	—
18-lb. v.p., tanks	gal.	.03½	.03¾
22-lb. v.p., tanks	gal.	.03½	—
26-70-lb., v.p., tanks	gal.	.03	—
Pennsylvania, US motor, below 60 octane, tanks	gal.	.05¼	—
60 octane, tanks	gal.	.06¾	—
52-54, 450 e.p., naphtha, tanks	gal.	.05¼	—
54-56, 400 e.p., strt, run, tanks	gal.	.05¼	—

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W.	S.S.
Atlanta	gal.	.205	.225
Boston	gal.	.133	.16
Chicago	gal.	.16	.18
Cincinnati	gal.	.18	.19
Denver	gal.	.17	.19
Louisville	gal.	.18	.20
Minneapolis	gal.	.164	.184
New Orleans	gal.	.20	.235
New York	gal.	.13	.146
San Francisco	gal.	.17	.18

Gelatin, silver, cs	lb.	.50	.55
Gelsemium root, bls	lb.	.12	.13
Gentian root, bls	lb.	.15	.16
grd., bbls., bxs	lb.	.17	.18
powd., bbls., bxs	lb.	.18	.19
Geraniol, cns., dms	lb.	.60	3.00
Geranyl acetate, bots., dms	lb.	1.75	2.50
Ginger root, Africa, bgs	lb.	.15¼	.15¾
Cochin, lemon, bgs	lb.	.18½	.18¾
Jamaica, bold, bgs	lb.	.18½	.19
grinding, bright, bgs	lb.	.15½	.16
medium, bold, bgs	lb.	.15	.15½
Japanese, bgs	lb.	.16	.16½
Ginseng fibers, cs	lb.	1.75	3.00
Root, cultivated, cs	lb.	2.80	4.00
wild, Southern, cs	lb.	6.00	7.00
Glauber's salt, anhyd. (see Soda sulphate).			
cryst., dom., bgs., bbls., c.l., works	100 lbs.	.95	1.15
5 tons or over, works	100 lbs.	1.05	1.25
less than 5 tons, works	100 lbs.	1.15	1.35
import., bgs	100 lbs.	1.05	1.35

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KREBS
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PIGMENTS

KREBS PIGMENT & COLOR CORP. ... 1007 MARKET STREET, WILMINGTON, DELAWARE

Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
36/58, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
58/82, bgs., c.l., dlvd.....lb. .15 - —
l.c.l., dlvd.....lb. 15½- —
82/108, bgs., c.l., dlvd....lb. .15½- —
l.c.l., dlvd.....lb. .16 - —

hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
60/164, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
97/192, bgs., c.l., same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
83/251, bgs., c.l., same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/283, bgs., c.l., same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —

Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., makers, cns., l.c.l. lb. .31 Nom.
resellers, cns., l.c.l.....lb. .38 Nom.
dms., extra, c.l.....lb. .29 Nom.
l.c.l. .....lb. .29½ Nom.
dynamite, dms., extra, c.l....lb. .29 Nom.
l.c.l. .....lb. .29½ Nom.
saponification, basis 88%, dms. returnable, dlvd..lb. .23 - .23½
soapiye, basis 80%, dms. returnable, dlvd..lb. .22 - .22½
yellow, distilled, dms. extra, cl. lb. .28¼ Nom.
l.c.l. .....lb. .29¼ Nom
Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms.....lb. .40 - —
Stearate, dms.....lb. .27½- —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .20 - .21
Golden seal root, bls.....lb. 3.00 - 3.15
powd., bxs.....lb. 3.30 - 3.45
Grains of paradise, bgs.....lb. .25 - .26
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04¼- —
Grease, house, trcs.....lb. .08¾- .09
white, trcs.....lb. .09¼- .10¼
yellow, trcs.....lb. .08¾- .09
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P. color content up 5%, bbls., same basis.lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07½- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
chrome, oxide, dom., pure, bbls. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib., dms., 25 lbs..lb. 2.20 - —
kgs., 100 lbs. .....lb. 2.15 - —
Guarana, powd., cs.....lb. .75 - .80
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. 1.05 - 1.10
Arabic, amber sorts, cleaned, bgs..lb. .10½- .11
white, sorts, 1, bgs.....lb. .27 - .28
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .14 - .15
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.05 - 1.55
Sumatra, cs.....lb. 1.40 - 1.65
Camphor (see C)
Chicle, bgs.....lb. .40 - .45

Gum copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .46 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ½c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .28½- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .20 - —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .15 - —
6, pale amber bold, bgs., c.l., same basis..lb. .14 - —
7, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
8, light amber bold, bgs., c.l., same basis..lb. .12⅝- —
9, medium light amber bold, bgs., c.l., same basis..lb. .08¾- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .10⅝- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08 - —
12, selected bold sorts, bgs., c.l., same basis..lb. .07¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06⅞- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale fingers, bgs., c.l., same basis..lb. .17⅜- —
18, pale straw nubs, bgs., c.l., same basis..lb. .12⅜- —

Gum, copal, Congo, 19, pale straw nubs, bgs., c.l., same basis..lb. .11⅜- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08 - —
21, ordinary selected nubs, c.l., same basis..lb. .07¼- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06⅝- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .06⅝- —
26, pale bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05⅜- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04⅞- —
East India, Batu, bold scraped, bgs., c.l., same basis.lb. .05¾- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03⅝- —
dust, bgs., c.l., same basis..lb. .03⅞- —
nubs and chips, bgs., c.l., same basis..lb. .03⅜- —
black, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06½- —
dust., bgs., c.l., same basis, lb. .03⅝- —
nubs, bgs., c.l., same basis..lb. .11¼- —

Gum, copal, E. I., Singapore Rasak, bold, bgs., c.l., same basis..lb. .15⅝- —
chips, bgs., c.l., same basis, lb. .04¾- —
dust, bgs., c.l., same basis.lb. .03⅝- —
nubs, bgs., c.l., same basis.lb. .10⅝- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
loba A, bskts., c.l., same basis..lb. .09¾- —
B, bskts., c.l., same basis.lb. .09½- —
C, bskts., c.l., same basis.lb. .08⅞- —
CNE, bskts., c.l., same basis..lb. .08 - —
D, bskts., c.l., same basis, lb. .08¾- —
DK, bskts., c.l., same basis, lb. .08 - —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts., c.l., same basis, lb. .06½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .13¼- —
Singapore, dust, bskts., c.l., same basis..lb. .06½- —
spirit, soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis, lb. .08¾- —
MA, bskts., c.l., same basis, lb. .07¼- —
MB, bskts., c.l., same basis, lb. .06¾- —
WS, bskts., c.l., same basis, lb. .08¼- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .08 - —

You buy and sell it
We'll do the rest

That holds true for *any* liquid commodity. General American will furnish tank cars of the exact type you need, will store your product safely in your private tank at any of our five strategically located terminals and will load it on a tanker for you. Truly, all you have to do is buy it and sell it . . . *we'll do the rest.*

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Can Handle Anything That Will Flow Through a Pipe Line

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GATX GENERAL AMERICAN

OFFICE
135 South LaSalle Street
Chicago

A division of General American Transportation Corporation

"THE more lead the better the paint" is an axiom that the paint trade and public accept without question. So when you step up the white-lead content of your paints you not only step up their durability but their sales appeal as well.

For years the white-lead pigments of National Lead Company have been the standard of comparison. They are known and preferred throughout the paint industry for their high quality and uniformity.

In addition to the white-lead pigments listed at the right, National Lead Company is also a dependable source of supply for lead oxides — red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland, 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Company, 800 Albany Street, Boston; National Lead & Oil Company of Penna.; 316 Fourth Avenue, Pittsburgh; John T. Lewis & Bro. Co., Widener Building, Philadelphia.

DRY WHITE-LEAD (Dutch or Carter process)

H. T. S. (High Tinting Strength) **WHITE-LEAD**

BASIC LEAD SULPHATE

Gum, copal, Philippine Manila, chips, pale, bskts., c.l., same basis..lb. .08⅜- —
small, bskts., c.l., same basis..lb. .08 - —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs,bskts.,c.l., same basis..lb. .10⅜- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06⅝- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l.,same basis lb. .14 - —
chips,bgs,c.l., same basis.lb. .10¾- —
nubs, bgs.,c.l., same basis.lb. .12⅞- —
split,bgs.,c.l., same basis.lb. .14⅛- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .23½- —
A/D, cs., c.l., same basis.lb. .17⅝- —
A/E, cs., c.l., same basis.lb. .14⅞- —
B, cs., c.l., same basis...lb. .22⅛- —
C, cs., c.l., same basis...lb. .18½- —
D, cs., c.l., same basis...lb. .15¼- —
dust, cs., c.l., same basis.lb. .06⅛- —
E, cs., c.l., same basis...lb. .07⅝- —
F, cs., c.l., same basis...lb. .06¼- —
Singapore, 1, cs., c.l., same basis..lb. .18 - —
2, cs., c.l., same basis...lb. .15 - —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .10⅞- —
dust, cs., c.l., same basis.lb. .05¾- —
seeds, cs., c.l., same basis.lb. .08½- —
Elemi, cns., c.l., same basis as copal..lb. .09⅝- —
Ester, dms., 75,000 lbs., dlvd. lb. .11½- —
c.l., single shipment, dlvd. lb. .11½- —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .11¾- —
smaller lots, dlvd.....lb. .12 - —
Euphorbium, cs .....lb. .17 - .19
Galbanum, cs. .....lb. .95 - 1.00
Gamboge, pipe, cs. .....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms, lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .36 - —
B1, cs., c.l., same basis..lb. .26 - —
B2, cs., cl., same basis..lb. .21 - —
B3, cs., c.l., same basis..lb. .17½- —
80% chips, cs., c.l., same basis..lb. .11½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. 41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .14¾- —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .45 - .50
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .10½- .11
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs.13.00 Nom.
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 2.80
2, cs.....lb. 2.35 - 2.40
3, cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.00 - 2.05
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15- —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge,Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.30
Hellebore, white,root,powd.,bbls.lb. .12 - .13
Helonias root, bls.....lb. .37 - .38
Hematine crystals, bbls.....lb. .16 - .34
Hemlock extract,25% tan.,bbls.lb. .03½- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .04 - .04½
Henbane leaves, bls.....lb. .21 - .22
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09½- —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more shipments, same basis..lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.65 - —
Hops, dom., 1936 crop, bls....lb. .46 - .51
import., 1936 crop, bls.....lb. .55 - .70
Horehound, bls.....lb. .07 - .08
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 ozs.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys.,E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., 225 lbs...lb. 1.10 - —
cns., 25 lbs.....lb. 1.12 - —
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .13 - .14
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.65 - —
cbys., 5 gals.....gal. 1.75 - —
mild, bbls., 47 gals.....gal. .90 - —
cbys., 5 gals.....gal. 1.00 - —
Iodoform., dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. 1.75 - 1.20
powd., bxs.....lb. 1.25 - 1.30
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .20 - .21
Iron acetate, N. F., IV, cbys., 100 lbs..lb. .15 - —
IV, djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls., 500 lbs..lb. .07½- —
kgs., 100 lbs.....lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns, lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots.....lb. .32 - —
Nitrate, coml., kgs.....lb. .02⅝- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc)
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas)
USP, cryst., bbls., 275 lbs., lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Iron-potash oxalate, bbls. ....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs. .....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .21 - .23
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .38 - .40
Kava kava root bls.....lb. .17 - .19
Kerosene, at refinery:—
Bayonne, 41-43 w.w.,tanks.gal. .05¾- —
Gulf ports,p.w.,bulk,export.gal. .04⅞- —
w.w., bulk, export.....gal. .05 - —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¼- .04½
Oklahoma-Texas, 41-43 w.w. tanks..gal. .04⅛- .04¼
42-44 w.w., tanks.....gal. .04¼- .04⅜
Pennsylvania, 45 w.w., tanks, gal. .05⅛- —
46 w.w., tanks.....gal. .05¼- —
47 w.w., tanks.....gal. .05⅜- —
Kerosene, tankwagon:—
Atlanta .....gal. .14½- —
Boston .....gal. .07½- —
Chicago .....gal. .101 - —
Cincinnati .....gal. .135 - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .10½- —
New Orleans.....gal. .11 - —
New York.....gal. .07¼- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .11 - .12

L

Lady slipper root, bls.....lb. .42 - .45
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.12.75 -13.00
Middlewestern, trcs....100 lbs.12.45 -12.55
Neutral, trcs.....100 lbs.14.00 -14.25
Western, choice, trcs..100 lbs.12.55 -12.65
Compound, trcs.....100 lbs.13.50 -13.75
Larkspur seed, bgs.....lb. .24 - .25
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .60 - .75
Lead acetate, white, broken, bbls..lb. .13½- —
cryst., bbls.....lb. .13½- —
gran., bbls.....lb. .14¼- —
powd., bbls.....lb. .14¼- —
Arsenate, dms., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11½- —
1,000 lbs. or more, dealers dms., E. of Rockies..lb. .12 - —
W. of Rockies.....lb. .11¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for works or whse. pick-ups.
Blue, basic, sulphate, bbls., c.l., dlvd., E..lb. .08½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .09 - —
l.c.l., dlvd., E.....lb. .08¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .09¼- —
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars .....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .18 - —
• Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .02½- —
5 lb. cont., f.o.b. works..lb. .24½- —
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0970- —
other points.....lb. .0945- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .10½- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .11 - —
Colo., Mont., N. Mex., Wyo.....lb. .10¾- —
other points.....lb. .10¼- —
smaller lots, dlvd., Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., etc.....lb. .11¼- —
other points.....lb. .10¾- —
97%, Pb_3O_4, bbls., c.l., (20 tons) dlvd. Ala., etc..lb. .0995- —
other points.....lb. .0970- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
smaller lots, dlvd., Ala., etc..lb. .11¼- —
Ariz., etc.....lb. .11¾- —
Colo., etc.....lb. .11½- —
other points.....lb. .11 - —
98%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .1020- —
other points .....lb. .0995- —
other points.....lb. .10 - —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., etc.....lb. .11¼- —
other points.....lb. .10¾- —
smaller lots, dlvd. Ala., etc..lb. .11½- —
Ariz., etc.....lb. .12 - —
Colo., etc.....lb. .11¾- —
other points.....lb. .11¼- —
in oil, steel kegs, 1,000 lbs..lb. .11¾- —
500 lbs.....lb. .12 - —
smaller lots.....lb. .12¾- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .12½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .10¼- —
smaller lots .....lb. .10½- —

Gum. Copal—Litharge

Lead, white, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .09¼- —
other points .....lb. .09 - —
l.c.l. dlvd. Ariz., etc..lb. .09½- —
other points.....lb. .09¼- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .08¾- —
other points.....lb. .08½- —
l.c.l., dlvd. Ariz., etc..lb. .09 - —
other points.....lb. .08¾- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .11¾- —
500 lbs., dlvd.....lb. .12 - —
smaller lots, dlvd.....lb. .13 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls, bxs.....lb. .07 - .08
select, bndls., cs.....lb. .20 - .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa...ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Ten.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex. .....lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .16½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd, gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd...gal. .11½- —
dealer, dlvd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns., 25 lbs...lb. 1.70 - 2.45
Linden flowers, with leaves,bls.lb. .16 - .17
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.28.00 - —
Meal, 32%, dom., bgs.....ton.38.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0870
other points.....lb. .0845
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .09½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10 - —
Colo., Mont., N. Mex., Wyo..lb. .09¾- —
other points .....lb. .09¼- —
smaller lots, dlvd., Ala., etc..lb. .10 - —
Ariz., etc. .....lb. .10½- —
Colo., etc. .....lb. .10¼- —
other points .....lb. .09¾- —

Lithium—Methyl Acetone

Lithium bromide, jars, 25 lbs. lb. 1.70 - 1.75
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
flb dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Iodide, bots., 5 lbs.....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.60
Lithopone, dom., high-strength, bgs., 1,000 lbs., dlvd. E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .06 - —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 1,000 lbs., same basis..lb. .04¼- —
smaller lots, same basis.lb. .04½- —
bbls., 1,000 lbs., same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 1,000 lbs., same basis..lb. .05¾- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .04 - —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .08½- .10½
solid, bxs.....lb. .13½- .17
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.15 - 1.25

M

Mace, Banda, cs.....lb. .59 - .60
Batavia, cs.....lb. .46 - .47
Siauw 1, cs.....lb. .54 - .55
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia, arsenate, cs., dms..lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis, lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06½
USP, bbls., c.l.....lb. .08½- .09
Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined)
Magnesia, palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite, cal., import, bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash...ton.24.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .13 - .14
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .21 - .23
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs., c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.61 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000 lbs. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs.....lb. 5.10 - —
Manganese, linoleate, liquid, 4%, dms..lb. .18 - .19½
solid, precip., 8.2%, bbls....lb. .19 - —
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt., ton.26.00 -27.00
Manna, flake, large, cs.....lb. .36 - .37
small cs.....lb. .21 - .22
Mannitol, pure, cryst., cs., works, lb. 1.48 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .17 - .17½
Tunisan, bls.....lb. .16 - .16½
Matico leaves, bls.....lb. .29 - .30
Menthol, U.S.P., natural, cs..lb. 3.25 - 3.35
synthetic, tech., cs.....lb. 2.25 - —
U.S.P., cs.....lb. 3.25 - —
liquid, dms., 40 lbs.....lb. 1.60 - —
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .87 - —
25 lbs.....lb. .89 - —
50%, pails, 50 lbs.....lb. 1.26 - —
25 lbs.....lb. 1.28 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, flb., dms., 100 lbs., lb. 1.60 - —
jars, 25 lbs.....lb. 1.62 - —
Chloride (see Calomel)
Iodide, red, N.F., bots., 5 lbs., lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
flb. dms., 100 lbs.....lb. 3.55 - —
Yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
flb. dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl....lb. 1.49 - —
USP, flb. dms., 100 lbs.lb. 1.91 - —
cns., 25 lbs.....lb. 1.25 - —
Mercury and chalk, flb., dms., 25 lbs. 1.05 - 1.07
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in.pkg.14.25 -14.75
3⅜x3⅜ in.....pkg.15.50 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5½ in.....pkg.21.50 -22.00
3⅜x5⅞ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.25 - 2.35
Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld..gal. .53 - —
contracts .....gal. .50 - —
tanks, frt. alld.....gal. .48 - —
contracts, frt. alld....gal. .45 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
Methanol, 97%, 1c. less than pure, all zones, frt. alld.
Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J. N. Y., N. C., Ohio, Penn.; R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, dms., c.l., contracts, Zone 1, frt. alld..gal. .45⅛- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt. alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies, gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
Zone 2, frt. alld. E. of Rockies..gal. .59½- —
Zone 3, Pacific Cst..gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies, gal. .49½- —
3, Pacific Coast.....gal. .51 - —
Methyl acetone, synthetic sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

New Ideas FOR AN OLD INDUSTRY..

THIS company is now in the business of manufacturing cans. It enters the field at a time when the industry is beset with problems of readjustment.

In this situation there are several facts of special interest to you:

1 Crown Can is independent of other manufacturers in this field. It is unhampered by traditions. It has no long established habits of thought or practice.

2 Crown Can has behind it the resources and laboratory facilities of one of the largest business institutions in the country. Its recently built modern plant provides unexcelled production and shipping facilities.

3 Crown Can brings to users of cans many progressive ideas and a new philosophy of business relations.

A Crown Can Representative will gladly explain the many advantages this service makes available to you.

Crown Cans

CROWN CAN CO. • PHILADELPHIA, PA.
DIVISION OF CROWN CORK AND SEAL COMPANY

Methyl, alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Chloride, cylrs.....lb. .37 - .43
Cinnamate, bots.....lb. 3.30 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .43
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene, blue, medicl., kgs 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .12 - —
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers, extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l. works..ton40.00 -50.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd.,E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss. R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..lb. .10¼- —
l.c.l.....lb. .11¼- —
spray, bbls., c.l.....lb. .11 - —
l.c.l.....lb. .12 - —
unskimmed, roller, bbls., c.l..lb. .21½- .22
l.c.l.....lb. .22 - .22½
spray, bbls., c.l.....lb. .21½- .22
l.c.l.....lb. .22 - .22½
Millet seed, bgs.....lb. .03¼- .03⅝
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, kgs., 99% powd..lb. 2.50 - 2.75
Monoamylamine, dms., l.c.l., works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .08½
Monoethanolamine, dms c.l., works..lb. .31 - —
l.c.l., dms.....lb. .32 - —
tanks.....lb. .30 - —
Monoethylaniliin, dms.....lb. .77 - .79
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Mullein flowers, cns.....lb. .90 - .95
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .05¾ Nom.
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. No stocks
Chinese, yellow, bgs.....lb. .06 - .06½
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .07½- .08
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .06¾- .07¼
Roumanian, yellow, bgs....lb. .06¼- .06¾
Myrobalans, J1, bgs., shipt..ton.26.50 - —
J, bgs., shipt.....ton.20.50 - —
R2, bgs., shipt.....ton.20.00 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 2.65 - 2.80
import., 74-78% bgs., Atlantic ports..100 lbs. 2.65 - 2.80
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis..lb. .07½- —
pkgs, (16 oz.), same basis.lb. .08 - —
(12 oz.), same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitrecake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07½- —
Nitrocellulose, alcohol-soluble, ⅛, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works..lb. .22 - —
10,000 lbs.....lb. .25 - —
spot, bbls., works.....lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works.....lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Mar.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Mar.-Apr. shipt..unit-ton. 3.40 - —
Chemical, Ill..unit-ton. 3.60 Nom.
East Coast producing points..unit-ton. 3.50 Nom.
import., bgs., c.i.f. Atlantic ports, shipt..unit-ton. 3.20 Nom.
Nitronaphthalene, bbls.....lb. .24 - .26
Nitrotoluene, mixed, dms.....lb. .10¼- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmnt., cs.....lb. .30 - .32
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .19¼
110s, bgs., cs.....lb. .17½- .18
West Indian, bgs.....lb. .15 - .15½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .06½- .07

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks.....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3.....gal. .08½- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. 17 - —
sweet, true, exp., cns.....lb. .85 - .90
tanks, works.....lb. 16
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .75 - .80
Amber, crude, cns.....lb. .16 - .17
refd., cns.....lb. .52 - .53
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A)
Anise, USP, cns, dms.....lb. .80 - .85
Apricot kernel, cns.....lb. .30 - .31
dms.....lb. .28 - —
Babassu, tanks, futures.....lb. .11¼- —
Bay, W. I., cns.....lb. 1.35 - 1.40
Bergamot, artif., cns.....lb. 1.00 - 1.80
natural, coppers.....lb. 3.50 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .70 - .75
Bois de rose, Brazil, cns...lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar)
Cajeput, tech., dms.....lb. .45 - .48
USP IX, cns.....lb. .48 - .50
Calamus, cns.....lb. 3.50 - 3.75
Camphor, sassafrassy, cns...lb. .22 - .23
dms.....lb. .19 - .20
white, cns.....lb. .21 - .22
dms.....lb. .18 - .19
Oil, cananga, native, cns....lb. 1.75 - 2.25
rectified, cns.....lb. 3.00 - 3.25
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb.20.00 -32.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Castor, blown, one-way dms., c.l..lb. 12¼- —
l.c.l.....lb. .13 - —
medicinal, bbls, c.l.....lb. .10¾- —
l.c.l.....lb. .11¼- —
cns. (1-gal.), l.c.l.....lb. 14½- —
dms. (returnable), c.l....lb. .10¼- —
l.c.l.....lb. .11¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks.....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l.....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l.....lb. .10¾- —
tanks.....lb. .09½- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l.....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11¼- —
l.c.l.....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l.....lb. .13 - —
Cedarleaf, cns.....lb. 1.10 - 1.15
dms.....lb. 1.05 - 1.10
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .24 - .26
Celery, bots.....lb.10.50 -12.50

★

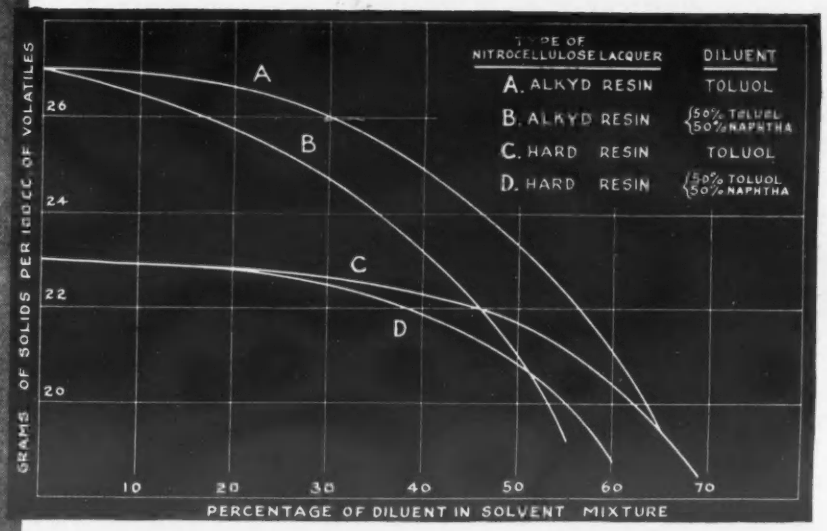
HIGH SOLIDS LACQUERS

TODAY'S practice of applying lacquers at high solids content results in marked saving in cost of application because of the smaller quantity of volatile ingredients used and because of the decreased amount of labor required.

Most high solids lacquers are formulated with alkyd resins. These resins, however, are characterized by the fact that they reduce the tolerance of solvents for diluents. To compensate for this effect and to secure the low viscosity necessary for economical application, low proportions of diluents should be employed together with solvents of high tolerance. Butanol and Butyl Acetate are ideal for this purpose because they assure entirely satisfactory performance at low cost.

Graphs like that reproduced below have been prepared for various types of lacquer. Such graphs show the effect of variations in the proportion and kind of diluent upon the solids content of lacquers at spraying viscosity.

If you are interested in this subject of high solids lacquer, we'd be glad to call and talk it over with you.



PRODUCTS

BUTANOL • BUTYL ACETATE • BUTYL LACTATE • DIBUTYL PHTHALATE • TRIBUTYL PHOSPHATE • ETHYL ACETATE • SHELLACOL • SPECIALLY DENATURED ALCOHOL

COMMERCIAL SOLVENTS CORPORATION

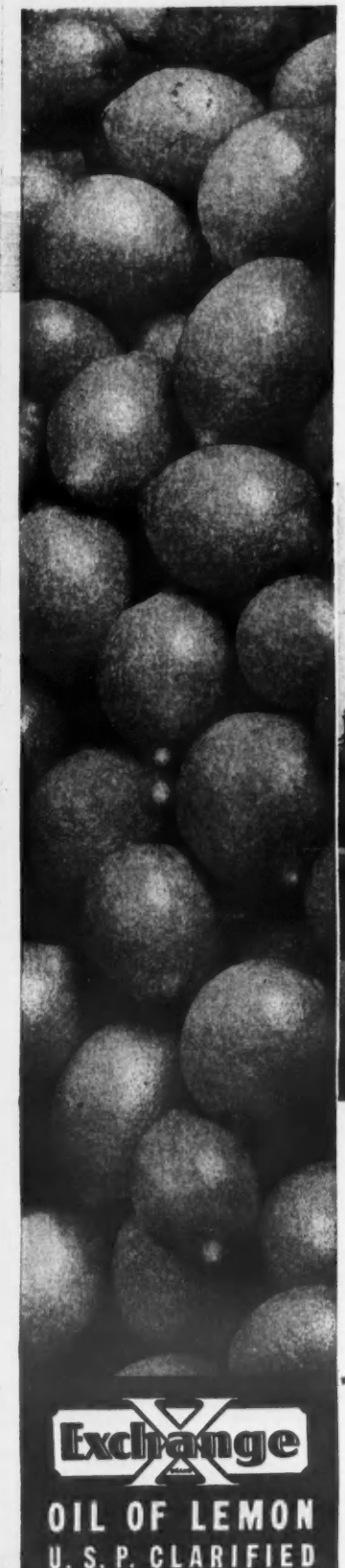
Terre Haute, Indiana

PROMPT SERVICE FROM BRANCH OFFICES AND WAREHOUSES

COMMERCIAL SOLVENTS CORPORATION U.S.A.

Oil, Chaul.—Oil, Peanut

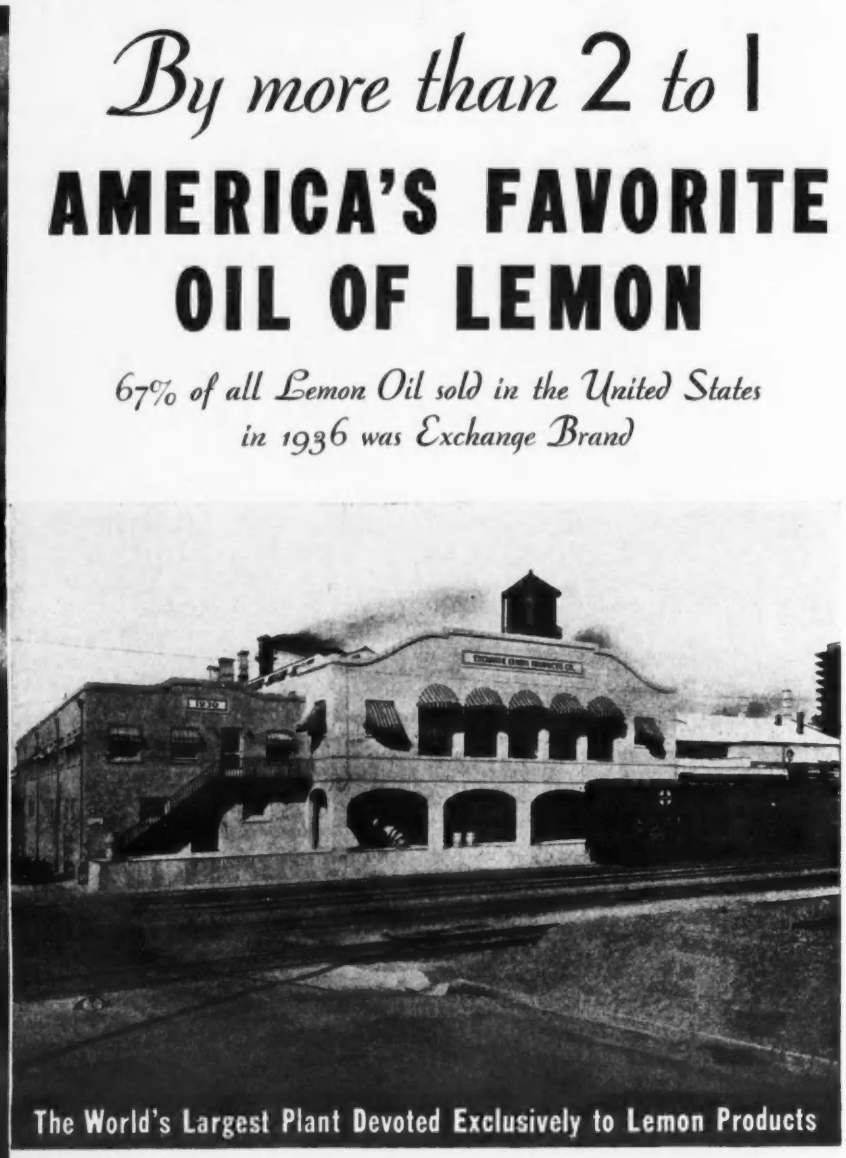
Oil, chaulmoogra, USP, cns., 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .15¼- .15½
tanks .....lb. .1470- .1480
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .42 - .44
dms.....lb. .40 - .42
Java, dms.....lb. .43 - .45
Clove, makers, USP, cns....lb. 1.27 - —
dms .....lb. 1.25 - —
Coconut, Manila, crude, tanks, lb. .08½- —
futures .....lb. .08⅝- .08¾
Pac. Cst.....lb. .08¼ Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .14 - —
l.c.l. .....lb. .14¾- —
tanks .....lb. .13¾- —
Cod, Newfoundland, tanked, bbls..gal. .51 Nom
Norwegian, bbls.....gal. .40 - .44
Codliver, med., USP. Norwegian, bbls..bbl.25.00 -27.00
for feed purposes, not USP, dms..gal. .50 - .65
Coriander, bots.....lb. No stocks
Corn, crude, tanks, works..lb. .10¼- .10¼
refd., bbls.....lb. .12⅜- .13⅜
Cottonseed, dom., cooking bbls. 100 lbs.12.37½- —
salad, bbls.....100 lbs.12.50 - —
import., Brazilian semi-refd., dms...lb. .0735 Nom.
British, semi-refd., dms..lb. .07½ Nom.
Cresote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.50 - —
Oil, degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.85 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (See D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .48 - .49
dms.....lb. .46 - .47
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tidewater..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana-Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.20 - —
Tuesday .....bbl. 1.20 - —
Wednesday .....bbl. 1.20 - —
Thursday .....bbl. 1.20 - —
Friday .....bbl. 1.20 - —
Saturday .....bbl. 1.20 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test..bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test..bbl. 1.10 - 1.15
24-28, 15 and above...bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04⅜- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04⅜- .05
2, bulk, same basis.....gal. .04¼- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .04¼- —
Louisiana - Arkansas, 32-36, light straw.....gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03⅝- .03½
32-36 .....gal. .03½- .03⅝
36-38 .....gal. .03⅝- .03⅞
38-40, straw.....gal. .03⅞- .04
38-40, zero, 60 e.p.....gal. .03⅞- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04⅜- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk.....gal. .02⅝- .03¼
Oil, gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.75 - 5.50
Bourbon, cns.....lb. 4.50 - 5.15
Turkish (see Palmarosa.)
Grapefruit, cns.....llb. 2.25 - 2.50
Ginger, dist., bots.....lb. 6.50 - 7.25
Guaiac wood, concrete, bots.lb. 3.10 - 4.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .35 - .50
cns. .....lb. .38 - .53
Lard, common, 1, bbls..100 lbs.13.25 - —
2, bbls.....100 lbs.13.00 - —
extra, bbls.....100 lbs.13.50 - —
1, bbls.....100 lbs.13.50 - —
headlight, burning, bbls.100 lbs.14.75 - —
prime, ed., bbls.....100 lbs.16.25 - —
ined, bbls.....100 lbs.14.75 - —
winter, strained, extra bbls., 100 lbs.13.75 - —
prime, bbls.....100 lbs.14.00 - —
Lavandin, cns., 25 lbs.....lb. 2.65 - —
Lavender flower, French, USP, 50% ester, cns..,lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
XI, 35% ester, cns....lb. 4.00 - 4.50
XI, 30% ester, cns....lb. 2.80 - 3.00
IX, 30% ester, cns....lb. 2.65 - 2.75
VIII, 30% ester, cns...lb. 2.25 - 2.35
Garden, cns .....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 3.50 - —
Messina, coppers, cns.....lb. 3.75 - 4.25
Lemongrass, native, cns., dms. lb. .50 - .52
Oil, lime, dist., cns.....lb. 5.85 - 6.25
expressed, cns.....lb. 9.35 -10.25
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1110- —
l.c.l., 5 or more.....lb. .1150- —
less than 5.....lb. .1190- .1210
tanks .....lb. .1050- —
double boiled, bbls., less than 5..lb. .1210- .1230
raw, bbls., c.l.....lb. .1070- —
l.c.l., 5 or more.....lb. .1110- —
less than 5.....lb. .1150- —
tanks .....lb. .1010- —
Lovage, bots.....lb.46.00 -55.00
Lubricating, at refinery (including U.S. tax 4c.per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks...gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis.,tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .22 - —
15-25 pour, tanks..gal. .21½- —
150-160 D, 0-10 pour tanks..gal. .24 - —
15-25 pour, tanks..gal. .23½- —
150-160 E, 15-25 pour, tanks..gal. .23 - —
190-200 D, 15-25 pour, tanks..gal. .27 - —
200-210 E, 15-25 pour, tanks..gal. .26 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 colors, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½, color tanks..gal. .17 - —
350 vis., same basis, gal. .17½- —
400 vis., same basis, gal. .18 - —
500 vis., same basis, gal. .18½- —
600 vis., same basis, gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penna., bright, 600 cold test, 10-40 pour, tanks.. gal. .29 - —
10-15 pour, tanks...gal. .30 - —
cylinder, 600 fire, tanks, gal. .21½- —
600 flash, tanks.....gal. .24 - —
630 flash, tanks.....gal. .28 - —
635 fire, tanks.....gal. .22 - —
650 fire, tanks.....gal. .23 - —
Warren, E, amber, tanks, gal. .23½- —
neutral, 150 vis....3 color, tanks..gal. .25½- —
180 vis., 3 color,tanks.gal. .28 - —
200 vis., 2 color,tanks.gal. .29½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .34 - —
unfiltered, 600 s.r., bbls., f.a.s..gal. .28 - —
600 flash, s.r., bbl., c.l., gal. .32½- —
650 s.r., bbls., c.l., f.a.s. gal. .29 - —
Warren, E. bbls., c.l.,f.a.s. gal. .31 - —
smaller lots, f.o.b..gal. .33½- —
Mace, dist., cns.....lb. 1.35 - 1.37
Menhaden, crude, tanks, f.o.b. Balto..gal. .42 - —
refd., alkali, dms., c.l.....lb. .0960- —
l.c.l. .....lb. .0960- —
tanks .....lb. .0900- —
blown, dms.....lb. .0940- —
kettle-bodied, dms.....lb. .1060- —
light pressed, dms., c.l.....lb. .0900- —
l.c.l. .....lb. .0900- —
tanks .....lb. .0840- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .90 - .95
Neatsfoot, cold test, bbls.100 lbs.18.25 - —
extra, bbls.....100 lbs.13.75 - —
1, bbls.....100 lbs.13.50 - —
pure, bbls.....100 lbs.14.25 - —
special, bbls.....100 lbs.13.75 - —
sulphonated, common, 25% moisture, dms..lb. .10¼- —
Neroli, bots.....lb.50.00 -130.00
Nutmeg, USP, cns.....lb. 1.35 - 1.37
Olticica, dms.....lb. .12 - —
futures .....lb. .11½- —
Oleo, 1, bbls.....100 lbs.13.37½- —
2, bbls.....100 lbs.12.87½- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.60 Nom.
edible, bbls.....gal. 2.50 Nom.
foots, bbls.....lb. .12 Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15⅛- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16¼- —
l.c.l. .....lb. .17 - —
Orange, sweet, dist., cases..lb. .90 - —
expressed, African, cns., dms..lb. 1.90 - 2.00
Calif., cns.....lb. 2.75 - —
Florida, cns.....lb. No prices
Messina, USP, coppers.lb. 4.00 - 4.50
Spanish, cns.....lb. 2.50 - 2.75
West India, cns.....lb. 2.10 - 2.20
Origanum, Spanish, cns.....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .07 - —
shipment .....lb. .06 - —
softs, 12½%, bulk, shipt....lb. .0590- —
20%, bulk, shipt.....lb. .0580- —
Sumatra, shipment, bulk...lb. .05¾ Nom.
Palmarosa, cns.....lb. 3.00 - 3.25
Palmkernel, bulk, shipt.....lb. .07½- —
Paraffin, 320° flash, 60-70 vis., tanks, G. S..gal. .05⅛- —
330° flash, 70-80 vis., tanks, G, S..gal. .05⅛- —
80-85 vis., bbls. extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .05⅝- —
Patchouli, bots.....lb. 5.00 - 6.00
Peanut, crude, dom., tanks, works..lb. .10¼ Nom.
refd., edible, bbls.....lb. .13½ Nom.



By more than 2 to 1

AMERICA'S FAVORITE OIL OF LEMON

67% of all Lemon Oil sold in the United States in 1936 was Exchange Brand



FROM rich California lemons, cold pressed and clarified, comes Exchange Brand Oil of Lemon, U.S.P.—with the flavor that pleases the American taste.

It is uniform always, in all characteristics. Nowhere in all the world is the production controlled so exactingly.

True flavor. Uniformity. Exceptional dependability. A fair price. There you have the reasons why Exchange Brand Oil of Lemon, U. S. P. is far and away America's favorite Lemon Oil.

Sold to the American market exclusively by

DODGE & OLCOTT COMPANY, 180 VARICK STREET, NEW YORK CITY
FRITZSCHE BROTHERS, INC., 76 NINTH AVENUE, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Copr., 1936, Products Dept., California Fruit Growers Exchange

Oil, pennyroyal, dom., cns....lb. 1.75 - 1.85
import, cans....lb. 1.60 - 1.65
Peppermint, natural, cans, dms. lb. 2.45 - 2.55
redist., USP, cns., dms....lb. 2.75 - 2.85
Perilla, dms....lb. .11½- .11¾
tanks....lb. .11 - —
Petitgrain, Paraguay, cans...lb. 1.05 - 1.10
Pimento berry, cns....lb. 3.75 - 4.00
Leaf, cns....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .49 - .50
steam-dist., straw-color, bbls. gal. .59 - —
tanks....gal. .54 - —
water-white, bbls....gal. .64 - —
tanks....gal. .59 - —
Pineneedle, Siberian, cns....lb. .95 - .90
Putty, bbls, El Segundo, Richmond, Cal..gal. .22½ - —
contracts....gal. .19¼- —
Whiting, Ind....gal. .28 - —
dms., c.l., Boat., Provid...gal. .35½- —
l.c.l., same basis....gal. .37 - —
tanks, same basis....gal. .16 - —
Martinez, Cal....gal. .28 - —
Rapeseed, blown, bbls....lb. .13 - .13¼
denat., bbls....gal. .89 - .90
Red, dist. or saponif., bbls., dlvd..lb. .11¾- .12⅝
dms, dlvd....lb. .11¼- .12⅛
tanks, dlvd....lb. .10¾- —
white, dms....lb. .13⅛- .14⅛
Rose, artif., bots....oz. 2.00 - 3.00
natural, coppers....oz. 5.25 -22.50
Rosemary, Spanish, cns....lb. .60 - .65
dms....lb. .55 - .60
Rosin, 1st rectfd., dms....gal. .66 - .68
2d rectfd., dms....gal. .68 - .70
3d rectfd., dms....gal. .72 - .74
Rue, bots....lb. 2.15 - 2.20
Sage, cns....lb. 1.65 - 1.70
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns....lb. 5.25 - 5.50
Sardine, crude, tanks, Pac. Cst. gal. .54½- .55
rfd., alkali, dms., c.l....lb. .0960- —
l.c.l....lb. .0960- —
tanks....lb. .0900- —
kettle-boiled, dms....lb. .1060- —
l.c.l....lb. .0900- —
light, pressed, dms., c.l.lb. .0900- —
tanks....lb. .0840- —
poultry feed, dms., Pac. Cst., gal. .50 Nom.
Sassafras, artif., cns....lb. .41 - .42
dms....lb. .39 - .40
natural, cns., dms....lb. .75 - 1.25
Savin, cns....lb. 1.70 - 1.75
Savory, cns....lb. 3.50 - 3.75
Sesame, dom., refd., white, dms. lb. .13 Nom.
Single stain, bbls., c.l., works gal. .17½- —
l.c.l., works....gal. .20 - —
tanks, works....gal. .14½- —
Snakeroot, Canada, cns....lb.11.00 -12.00
Soybean, dom., crude, dms...lb. .1150- —
tanks....lb. .1050- Nom.
refd., dms....lb. .12 - .12½
tanks....lb. .11¼- Nom.
Spearmint, USP, cns....lb. 1.75 - 2.00
Sperm, bleach, 38°, dms....lb. .1000- .1020
45°, dms....lb. .0930- .0950
natural, dms....lb. .0880- .0900
Spruce, cans....lb. 1.05 - 1.10
Sunflower seed, refd., dms...lb. .12¼ Nom.
Sweet birch, North, cns....lb. 3.60 - 3.75
South., cns....lb. 1.90 - 2.10
Tallow, acidless, bbls....100 lbs.13.50 - —
tanks....100 lbs.13.00 - —
Tansy, cns....lb. 3.50 - 3.75
Tar, commi., dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports....gal. .25 - —
l.c.l....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, dms....lb. .12½ Nom.
Thyme, NF, red, dms....lb. .85 - 1.25
white, dms....lb. .80 - 1.35
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns....gal. 4.25 - 5.00
Valerian, bots....lb.13.50 -14.00
Vetiver, bots....lb. 9.00 -20.00
Walnut, crude, dms....lb. .14 - .14¼
refd., dms....lb. .15 - .15½
Whale, refd., natural, dms..lb. .1010- .1030
winter, bleach, dms....lb. .1050- .1070
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms....gal. .42 - .44
65-75 vis., dms....gal. .44 - .46
80-90 vis., dms....gal. .45 - .47
80-90 vis., dms....gal. .54 - .56
95-105 vis., dms....gal. .63 - .65
125-135 vis., dms....gal. .76½- .77½
140-150 vis., dms....gal. .76½- .78½
175-185 vis., dms....gal. .78½- .80½
200-210 vis., dms....gal. .80 - .82
320-330 vis., dms....gal. .85½- .87½
335-345 vis., dms....gal. .87 - .89
Russian, 75-85 vis., dms..gal. .52 - —
145-155 vis., dms....gal. .74½- —
185-190 vis., dms....gal. .76½- —
275-285 vis., dms....gal. .80 - —
335-345 vis., dms....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns....lb. 3.25 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns....lb. 2.80 - 2.90
Wormwood, cns....lb. 3.00 - 3.25
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots....lb.26.00 -30.00
Opium, USP, cns....lb.11.50 -12.50
gran., cns....lb.12.50 -13.50
powd., cns....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .13 - —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .13½- —
Colo., Mont., N.M.,Wyo. lb. .13¼- —
Other points....lb. .12¾- —
smaller lots, dlvd. Ala., etc..lb. .13½- —
Ariz., etc....lb. .14 - —
Colo., Mont., N. M., Wyo..lb. .13¾- —
Other points....lb. .13¼- —
French, Tours, csks., ex dock..lb. .17 - —
kgs., ex dock....lb. .18½- —
Peel, bitter, bls....lb. .08 - .09
Sweet, bls....lb. .13 - .14
Toner, bbls....lb. .80 - —
Orangeflower petals, cs....lb. .40 - .42
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs....lb. .90 - .95
powd., bbls., bxs....lb. .12 - .13
Verona, bls....lb. .08 - .09
powd., bxs, cs....lb. .11 - .12
Orthoanisidin, bbls....lb. .70 - .74
Orthochloroanilin, dms....lb. .60 - .75
Orthochlorophenol, dms....lb. .35 - .75
Orthocresol, dms., c.l., works..lb. .12½- —
l.c.l., same basis....lb. .14½- —
Orthodichlorobenzene, dms, c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., dms., same basis...lb. .07 - —
100 lb. tins, same basis..lb. .08 - —
50 lb. tins, same basis..lb. .09 - —
tanks, same basis....lb. .03½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Othonitroanilin, dms....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .29
Orthonitroparachlorophenol,cns.lb. .70 - .75
Orthonitrophenol, kgs....lb. .85 - .90
Orthonitrotoluene, dms....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms....lb. .14 - —
Osage orange extract, cryst.,bbls. lb. .17 - .19
liquid, 51°, bbls....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs....lb. 5.65 - 6.00

P

Papain, powd., cs....lb. 1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs..lb. .21½- .22
medium, bgs....lb. .20½- .21
Spanish, extra fancy, cs....lb. .27 - .28
fair, bgs....lb. .21½- .22
fancy, bgs....lb. .22 - .23½
medium, bgs....lb. .23 - .22½
Para-aminoacetanilide, kgs...lb. .65 Nom.
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls....lb. 1.25 - —
Para-amylphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms....lb. .50 - .45
Paracymene, rfd., dms....gal. .75 - 1.25
Paradichlorobenzene, dms....lb. .16 - .20
kegs....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02⅝- .02½
bbls., c.l., N. Y....lb. .0265- —
124-126 A.m.p., bgs., c.l., bbls., c.l., N. Y....lb. .0270- .02⅝
Okla., refy..lb. .02⅝- .02⅝
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼- Nom.
fully refd., slabs, 120-122 A.m.p., bgs., c.l..lb. No prices
123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04¼- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s. N. Y..lb. .04¾- —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb .0555- —
export, f.a.s., N. Y..lb. .05½- —
135-137 A.m.p., bgs., c.l.lb. .0580- —
export, f.a.s., N. Y..lb. .05¾- —
138-140 A.m.p., bgs., c.l..lb. .0625- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
Match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. 02¾- Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C....lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys....lb. .37 - .48
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., kgs., works....lb. .47 - —
Paranitrochlorobensene, kgs...lb. .23½- .24
Paranitrophenol, kgs....lb. .35 - .37
Paranitrotoluene, kgs....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls....lb. .56 - —
Pareira brava root, bls....lb. .16 - .17
Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
1,000 lbs. and up, same basis, lb. .23 - .25
less than 1,000 lbs., same basis..lb. .24 - .26
Passion flower herb, bls....lb. .06½- .07
Patchouli leaves, bls....lb. .15 - .16
Pellitory root, bls....lb. .16 - .17
Pennyroyal, bls....lb. .13 - .14
Pentane, nom., 28-38°, dms., c.l., G.S—gal. .12½- —
l.c.l., G.3....gal. .16 - —
tanks, G.3....gal. .09½- —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.3....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .10 - .10½
Lampong, bgs....lb. .06½- .06¾
Tellicherry, bgs....lb. .10¾- .11
Red, birdseye, bgs....lb. .15 - .15½
new crop....lb. No stocks.
Japanese 1, bgs....lb. .13¼- .13½
Mombasa, bgs....lb. .17½- .18
White, Java, Muntok, bgs...lb. .10½- .11
Singapore, Muntok, bgs...lb. .10½- .11
Peppermint leaves, dom., bls..lb. .25 - .26
import, bls....lb. .35 - .40
Peru balsam, dms....lb. 1.15 - 1.20
Petrolatum, amber, bbls., c.l., lb. .02⅞- .03
l.c.l....lb. .04 - .04¼
extra, bbls....lb. .03½- .03¾
l.c.l....lb. .04¼- .04½
cream (see white, cream)
red, veterinary, bbls., c.l....lb. .02⅝- .02⅞
l.c.l....lb. .03⅜- —
white, cream, bbls., c.l....lb. .05 - .05½
l.c.l....lb. .06⅝- —
lily, bbls., c.l....lb. .06 - .06½
l.c.l....lb. .07⅝- —
snow, bbls., c.l....lb. .07 - .07½
l.c.l....lb. .08⅝- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights....bbl. .74 - .95
Athens....bbl. .84 - 1.66
Belridge....bbl. .70 - 1.32
Buena Vista Hills....bbl. .70 - 1.38
Coalinga....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez....bbl. .79 - 1.00
East Coyote....bbl. .76 - .96
Elk Hills....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship. bbl. 1.26 - 1.43
Huntington Beach....bbl. .78 - 1.22
Inglewood....bbl. .79 - 1.27
Kern Front....bbl. .70 - —
Kern River....bbls. .70 - —
Kettleman Hills....bbl. 1.19 - 1.43
La Habra....bbl. .76 - .96
Lakeview....bbl. .70 - 1.38
Lost Hills....bbl. .70 - 1.33
Petroleum, crude, bulk, at wells:—
Gulf Coast:—
McKittrick....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl .70 - 1.38
Montebello....bbl. .77 - 1.43
Mt. Poso....bbl. .70 - —
Mountain View....bbl. .70 - 1.20
Newhall....bbl. .70 - —
Olinda Brea....bbl. .76 - 1.37
Orcutt....bbl. .70 - .96
Playa del Rey, f.o.b. pipeline....bbl. .80 - 1.16
Richfield....bbl. .76 - 1.09
Rosecrans....bbl. .84 - 1.66
Round Mt....bbl. .70 - —
Santa Fe Springs....bbl. .78 - 1.42
Santa Paula....bbl. .70 - 1.01
Seal Beach....bbl. .79 - 1.19
Signal Hill....bbl. .80 - 1.21
Torrence....bbl. .80 - 1.06
Wheeler Ridge....bbl. .70 - .83
Whittier....bbl. .76 - .96
Canada:—
Oil Springs....bbl. 2.17 - —
Petrolia....bbl. 2.10 - —
Central West:—
Illinois....bbl. 1.35 - —
Lima....bbl. 1.25 - —
Midland (Mich.)....bbl. 1.42 - —
Princeton....bbl. 1.35 - —
East Texas....bbl. 1.27 - —
Gulf Coast:—
Barber's Hill....bbl. .95 - 1.41
Batson....bbl. .95 - 1.41
Dayton....bbl. .95 - 1.41
Esperson....bbl. .95 - 1.41
Goose Creek....bbl. .95 - 1.41
Hull....bbl. .95 - 1.41
Humble....bbl. .90 - 1.41
Liberty....bbl. .90 - 1.41
Markham....bbl. .90 - 1.29
Orange....bbl. .95 - 1.41
Pettus....bbl. 1.37 - —
Pierce Junction....bbl. .95 - 1.41
Refugio....bbl. .95 - 1.41
Saratoga....bbl. .95 - 1.41
Saxet....bbl. .90 - 1.41
Sour Lake....bbl. .90 - 1.41
Spindle Top....bbl. .95 - 1.41
Sugarland....bbl. .95 - 1.41
West Columbia....bbl. .95 - 1.41
Kentucky, Tennessee:—
Big Sandy river....bbl. 1.42 - —
Kentucky river....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —
Louisiana, Arkansas:—
Bull Bayou....bbl. .90 - 1.22
Caddo....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.30
Choctaw....bbl. .90 - 1.30
Cotton Valley....bbl. .90 - 1.22
Darrow....bbl. .90 - 1.30
De Soto....bbl. .90 - 1.22
El Dorado....bbl. .90 - 1.22
Haynesville....bbl. .90 - 1.22
Homer....bbl. .90 - 1.22
Iowa....bbl. .90 - 1.30
Lockport....bbl. .90 - 1.30
Miller County....bbl. .90 - 1.22
Pine Island....bbl. .90 - 1.22
Rainbow....bbl. .90 - 1.22
Rodessa....bbl. .90 - 1.22
Smackover....bbl. .90 - —
Tepetate....bbl. 1.24 - —
Urania....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco....bbl. 1.65 - —
Tax, 13.729c. per bbl.
Tuxpan....bbl. No prices.
Tax, 22.412c. per bbl.
Midcontinent:—
North Texas....bbl. .96 - 1.20
Oklahoma-Kansas....bbl. .99 - 1.20
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany....bbl. 2.67 - —
Corning....bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines..bbl. 2.22 - —
Eureka lines....bbl. 2.37 - —
S.W. Penn lines....bbl. 2.42 - —
lower district in National Transit lines.bbl. 2.62 - 2.67
Rocky Mountain:—
Big Muddy....bbl. 1.18 - 1.23
Cannon City-Florence..bbl. 1.10 - —
Cat Creek....bbl. 1.40 - —
Dutton Creek....bbl. 1.06 - 1.30
Elk Basin....bbl. 1.30 - —
Fort Collins-Wellington.... bbl. 1.01 - 1.25
Frannie, light....bbl. .82 - —
Grass Creek....bbl. 1.30 - —
Greybull....bbl. 1.30 - —
Iles....bbl. 1.12 - 1.18
Lance Creek....bbl. .97 - —
Midway....bbl. 1.06 - 1.30
Rock Creek....bbl. 1.20½- —
Salt Creek....bbl. 1.06 - 1.30
Sunburst....bbl. 1.20 - —
Torchlight....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County....bbl. .98 - 1.25
Cleveland-Liberty....bbl. 1.27 - —
Conroe....bbl. 1.20 - 1.44
Darst Creek....bbl. 1.00 - —
Duval....bbl. 1.00 - —
Hardin-Liberty....bbl. 1.15 - —
Luling....bbl. 1.00 - —
Lytton Springs....bbl. 1.12 - —
Mirando....bbl. .90 - 1.36
Panola County....bbl. .93 - 1.25
Salt Flat....bbl. 1.09 - —
Tomball....bbl. 1.20 - 1.44
Van....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties. bbl. .91 - 1.08
Gray County....bbl. .96 - 1.08
West Texas:—
Artesia, N. M....bbl. .90 - —
Crane....bbl. .78 - 1.08
Crockett....bbl. .78 - 1.08
Ector....bbl. .78 - 1.08
Glasscock....bbl. .78 - 1.08
Hogback....bbl. 1.33 - —
Howard....bbl. .78 - 1.08
Jackson, N. M....bbl. .90 - —
Lea, N. M....bbl. .78 - 1.08
Maljamar, N. M....bbl. .90 - —
Mitchell....bbl. .78 - 1.08
Pecos....bbl. .91 - —
Upton....bbl. .78 - 1.08
Winkler....bbl. .78 - 1.08
ether, 30-60°, dms, c.l., G.3.gal. .15 - —
l.c.l., G.3....gal. .17 - —
tanks, G.3....gal. .13 - —
55-60, dms., l.c.l., G. 3....gal. .35 - —
40-75°, dms., c.l., G.3....gal. .15 - —
l.c.l., G.3....gal. .16 - —
tanks, G.3....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.3....gal. .25 - —
10-gal. lots, G.3....gal. .50 - —
lacquer, diluent, at refinery:—
California 60,169 l.b.p., 263 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11¼- —
f.o.b. Richmond..gal. .11¼- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12¼
Group 3, tanks....gal. .08¾- .08¾

Oil, Pennyroyal—Phenol.

Petroleum, naphtha, cleaners, at refinery:—
East Coast, tanks....gal. .10 - —
Group 3, tanks....gal. .07¾- .07⅛
tankwagon, Boston, ex-tax. gal. .13 - —
Chicago, inc. 4c. tax...gal. .171 - —
Decatur, inc. 4c. tax...gal. .19½- —
Des Moines, inc. 4c.tax.gal. .193 - —
Evansville, ind., ex tax.gal. .146 - .159
Milwaukee, inc. 5 tax. gal. .208 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .199 - —
Newark, ex tax....gal. .12 - —
New York, ex tax....gal. .12 - —
Omaha, ex tax....gal. .149 - .159
Oklahoma City, ex tax.gal. .15 - .16
Philadelphia, ex tax...gal. .11¼- —
St. Louis, inc. 3c. tax..gal. .162 - —
Syracuse, 150 gals....gal. .14 - —
smaller lots, galv. drums. gal. .16 - —
milk cans....gal. .21 - —
Tulsa, ex tax....gal. .15 - .16
High solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J...gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt....gal. .16¼- —
30, same basis....gal. .18¼- .19
40, same basis....gal. .14½- .15⅛
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equaled. nearest comp. pt..gal. .16 - —
2, same basis....gal. .15 - —
3, same basis....gal. .16 - —
4, same basis....gal. .18 - —
V.m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond....gal. .11⅛- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, delvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10¼- —
Portland, Seattle..gal. .11 - —
East Coast, tanks....gal. .10¼- —
Group 3, tanks....gal. .07¾- .07⅛
tankwagon, Boston, ex tax. gal. .13 - .14
Chicago, inc. 4c. tax..gal. .181 - —
Decatur, inc. 4c. tax..gal. .195 - —
Des Moines, inc.4c.tax.gal. .193 - —
Evansville, Ind.,ex tax.gal. .146 - .161
Milwaukee, inc. 5c.tax.gal. .208 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .199 - —
Newark, ex tax....gal. .13 - —
New York, ex tax....gal. .12 - —
Omaha, ex tax....gal. .149 - .159
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 3c. tax..gal. .162 - —
Solvent, rubber, at refinery, East Coast, tanks....gal. .10 - —
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal. .07¾- .07⅛
standard, 190 l.b.p., 288 e.p., tanks..gal. .07¾- .07⅛
Stoddard (CS 3-28), at refinery:—
East Coast, tanks....gal. .10 - —
Group 3, tanks....gal. .06¾- .07⅛
tankwagon, Boston, ex tax. gal. .12½- .13⅛
Chicago, inc. 4c. tax...gal. .166 - —
Decatur, inc. 4c. tax..gal. .185 - —
Des Moines, inc. 4c.tax.gal. .183 - —
Evansville, Ind.,ex tax.gal. .139 - —
Milwaukee, inc. 5c.tax.gal. .198 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .17 - —
Newark, ex tax....gal. .11 - —
New Orleans, ex tax..gal. .11 - —
New York, ex tax....gal. .11 - —
Oklahoma City, ex tax.gal. .12 - .13
Omaha....gal. .139 - .149
Philadelphia, ex tax...gal. .11¼- —
St. Louis, inc. 3c. tax..gal. .146 - —
Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore....gal. .15 - —
Richmond....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .10½- —
Richmond....gal. .10 - —
Southern Calif...gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09¼- .10
47-49, tanks....gal. .09½- —
Group 3, tanks....gal. .06¾- .06⅞
Pennsylvania, tanks....gal. .07¼- —
tankwagon, Tax included:—
Albany....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals....gal. .13½- .15½
Boston....gal. .12½- .13½
Bridgeport, Conn....gal. .13 - —
Buffalo....gal. .12½- —
Camden, N. J....gal. .115 - .135
Chicago....gal. .178 - —
Decatur, Ill....gal. .185 - —
Des Moines....gal. .183 - —
Evansville, Ind....gal. .139 - .149
Milwaukee....gal. .198 - —
Minneapolis-St. Paul...gal. .189 - —
Newark....gal. .11 - .13
New York (200 gals.).gal. .11 - —
smaller lots....gal. .11½- —
Omaha....gal. .109 - .149
Philadelphia....gal. .115 - .135
Pittsburgh....gal. .12 - .14
Providence....gal. .12½- .13½
Rochester....gal. .12 - .16
St. Louis....gal. .152 - —
Syracuse....gal. .13 - .15
Trenton....gal. .12 - .14
Wilmington, Del....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.85 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.50 - —
cns., 25 lbs....lb. 4.75 - —
Phenol, USP, dms, c.l., works, frt. equald..lb. .13¼- .14¼
l.c.l., same basis....lb. .14 - .15
tins, c.l., same basis....lb. .14¼- .15¼
l.c.l., same basis....lb. .15 - .16
tanks, works....lb. .12¾- —
Phenolphthalein, USP, bbls.,dms. 2,000 lbs..lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls....lb. .70 - .72

Phenyl—Soda Arsenite

Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 3.50 - 6.75
Phenylhydrazin hydrochloride, CP, bots., works..lb. 3.30 - 5.10
commercial, kgs., works...lb. 3.50 - 6.50
pure, bots., works.....lb. 5.65 - 8.25
Phloroglucinol, CP, tins, works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines..long ton. 4.85 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines..... long ton. 4.50 - —
75%, bulk, mines...long ton. 6.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms.. c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.50 - 3.75
Nitrate, bots., vls.....oz. 2.40 - 3.65
Pimento, bgs.....lb. .14¼- .14½
Pinkroot, bls.....lb. .40 - .45
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton.21.50 -22.50
f.o.b. works.....ton.16.00 - —
Linseed, dms.....lb. .04¾- .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .18
Podophyllin, fib., dms., 100 lbs., lb. 3.25 - —
cns., 25 lbs.....lb. 3.50 - —
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .35 - .40
Seed, Dutch, bgs.....lb. .07¼- .07¾
Polish, bgs.....lb. .06¾- .07¼
Potash acetate, USP, fib., dms., 350 lbs..lb. .28 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demi., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs. .....lb. .20 - —
Bichromate, spot, c.l., works.lb. .08¾- —
6 casks or 10 bbls., or over, works..lb. .08¾- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l..lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .02⅞- —
l.c.l., 10 dms, or over...lb. .03¼- —
less than 10 dms.....lb. .03½- —
tanks, dlvd .....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs, 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import., dms. .....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03½- .03½
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¾- —
l.c.l. .....lb. .06½- .06¾
import., cskt. .....lb. .06¾- .06⅞
Chlorate cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .08¾
Chloride, tech., 98%, cryst., bgs., kgs.....lb. .04 - .06
Chromate, kgs.....lb. .28 - .29
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .30 - —
Hypophosphite, cns., 100 lbs.lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms. .....lb. .95 - .96
Kainit, high-grade, 20% K_2O, bulk, c.i.f. ports..ton.12.00 - —
Manure salt, dom., 20%, K_2O, bulk, c.i.f. ports..ton.12.00 - —
run of mine, approx. 30% K_2O, bulk, c.i.f. ports, unit-ton. .55 - —
import., 30%, K_2O, bulk, ship., unit-ton. .55 - —
Metabisulphite, kgs.....lb. .11 - .12
Muriate, dom., all strengths, min. 50% K_2O, bulk..... unit-ton. .50 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports..unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.36.25 - —
Vegetable, bulk, f.o.b. Balto.ton.19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.24.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .11½- .15
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .18 - .20
Propane, tanks, G.S.....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .16 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works...lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works...lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs..ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs. 100 lbs. 4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
refined, dms., 1,000 lbs.100 lbs. 5.15 - —
500-999 lbs.....100 lbs.5.35 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs. 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal. 4.15 - —
basis, 3.6% pyethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.10 - —
Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over, lb. .12¾- —
fine powd., Dalmat., bbls..lb. .14 - .16
Japan, bbls., ton lots, frt. alld..lb. .15¾- —
Pyridin, denaturing, dms.....gal. 1.30 - —
refd., 2° dms.....lb. .40 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-dem., cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works..lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03¾- —
tanks, works.....lb. .02¾- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .03¾- —
clarified, 64%, bgs., c.l., same basis..lb. .04½- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flask.92.00 -93.00
Quince seed, bgs.....lb. .75 - 1.50
Quinidine, cryst., small, cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .62½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydriodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06¼- .06¾
Dutch, bgs .....lb. .06¼- .06¾
Japanese, bgs .....lb. .06¼- .06¾
Raspberries, dried, bbls.....lb. .80 - .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake).
Red, cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis, lb. .70 - —
kgs., ton lots, same basis, lb. .70 - —
smaller lots, same basis, lb. .75 - —
light - medium shade, ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
maroon shade, bbls., ton lots, same basis..lb. .90 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
selenide, bbls., ton lots, works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works...lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.50 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. 1.40 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04¼- —
ex whse., Chicago, St. Louis..lb. .04⅝- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic Rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide .....lb. No stocks
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
15%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02½- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lbs..lb. 1.72 - —
smaller lots .....lb. 1.73 - 1.82
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms..lb. 1.74 - 1.76
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb, root, bbls., cs., kgs..lb. .32 - .33
powd., bbls., kgs.....lb. .35 - .37
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .14½- —
smaller lots.....lb. .15 - —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .13½- —
smaller lots.....lb. .14 - —
Rose flowers, pale, bls.....lb. .22 - .23
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls, ex dock... 280 lbs. 8.75 - —
D, bbls.....280 lbs. 9.30 - —
E, bbls.....280 lbs. 9.00 - —
F, bbls.....280 lbs.10.00 - —
G, bbls.....280 lbs.10.00 - —
H, bbls.....280 lbs.10.00 - —
I, bbls.....280 lbs.10.00 - —
K, bbls.....280 lbs.10.00 - —
M, bbls.....280 lbs.10.00 - —
N, bbls.....280 lbs.10.05 - —
W. G., bbls.....280 lbs.10.05 - —
W. W., bbls.....280 lbs.11.00 - —
X, bbls.....280 lbs.11.00 - —
Wood, New York, F.F., bbls., 280 lbs. 9.76 -10.85
K, bbls.....280 lbs.10.06 -11.15
M, bbls.....280 lbs.10.16 -11.25
N, bbls.....280 lbs.11.41 -12.50
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .23

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins.....lb.15.00 -16.00
Safrol, cns.....lb. .58 - —
dms. .....lb. .55 - —
Sage, Dalmatian, stemless....lb. .06 - .06½
garden, bls.....lb. .06½- .07
Sago flour, bgs.....lb. .02¾- .03¼
Salicin, bots., 5 lbs.....lb. 4.25 - —
cns., 25 lbs.....lb. 4.00 - —
Salol, gran., bbls., 200 lbs.....lb. .99 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs, dlvd., N. Y..ton.12.80 - —
l.c.l., bgs., dlvd. N. Y.ton.14.00 -14.30
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.14.80 - —
l.c.l., dlvd. N. Y.....ton.15.50 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots..100 lbs. 7.40 - 8.15
gran., bbls., 10-20 tons.100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots..100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .22 - .23
Savory, bbls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .27 - .29
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.....lb. .11½- —
smaller lots.....lb. .12 - —
kegs, 5,000 lbs., 1 shipm't.lb. .12 - —
smaller lots.....lb. .12½- —
Senega root, bls.....lb. .60 - .62
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. 1.40 - 1.45
Shellac, bleached, bonedry, bbls., f.o.b., N. Y..lb. .21 - .22
dlvd, Boston.....lb. .21½- .22¼
Chicago .....lb. .22 - .23
Pacific Coast.....lb. .23 - .24
refd., bbls., f.o.b. N. Y.....lb. .25 - .26
dlvd. Boston.....lb. .24½- .25⅛
Chicago .....lb. .26 - .27
Pacific Coast.....lb. .28 - .29
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N. Y..lb. .15 - .15½
dlvd. Chicago.....lb. .16 - .16½
Pacific Coast.....lb. .18 - .18½
T. N., bgs., f.o.b. Bost., N. Y. lb. .14 - .14½
dlvd. Chicago.....lb. .15 - .15½
Pacific Coast.....lb. .17 - .17½
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.06
4½-lb. cut, bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut, bbls.....gal. .95 - 1.05
Silica amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works, ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion .....oz. .45¼- —
Govt. purchase .....oz. .7757- —
Silver nitrate, vis.....oz. .33½- .35½
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....lb.85.00 -90.00
Skullcap, Eastern, bls.....lb. .25 - .26
Western, bls.....lb. .24 - .25
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works...ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11 - .12
Smalt, black, extra velvet, bbls., lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda, abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .08¼- —
flake, 60%, dms.....lb. .04¼- .05
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .15¾- .16¼
Arsenate, dms., dealers, c.l. works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .30 - .33
Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Soda ash, dense, 58%, bgs., c.l. works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.03 - —
2 .....100 lbs. 2.18 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.83 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l., works.....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l., works....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l.....100 lbs. 1.05 - —

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts, to various counties; Zone 2, Ala., Fla., Ga. Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more.lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls., c.l.,works.100 lbs. 1.75 - —
l.c.l., divd. N.Y....100 lbs. 2.39 - —
kgs., c.l.....100 lbs. 2.60 - —
l.c.l., divd. N.Y....100 lbs. 2.64 - —
Bichromate, spots, c.l., works. lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .06¾- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works. 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg.,bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 6.82 - —
jars, 25 lbs.....lb. 6.50 - —
Carbonate (see Soda ash, soda menohydrated soda, sal)
Caustic, flake, 76% grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.00 - —
l.c.l., Zone 1....100 lbs. 3.45 - 4.80
2 .....100 lbs. 3.60 - 4.95
3 .....100 lbs. 3.85 - 5.20
4 .....100 lbs. 4.25 - 5.60
electro process, dms., c.l. works..100 lbs. 2.95 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 70%, ammon. process, dms..c.l.,works..100 lbs. 2.60 - —
l.c.l., Zone 1....100 lbs. 3.05 - —
2 .....100 lbs. 3.20 - —
3 .....100 lbs. 3.45 - —
4 .....100 lbs. 3.85 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works.lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, USP, VIII, gran., bbls., 225 lbs. .21 - —
cns. 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns. 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28 - —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs, 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —

Soda fluoride, 95%, bbls., c.l., same basis..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000 lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000 lb. lots, lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, N.F., cns., 100 lbs..lb. .67 - —
Hyposulphite, cryst.,large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. .65 - .70
cryst., kgs.....lb. .55 - .60
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, 100-lb. bgs., Mar.-June dlvy., ports.ton.27.50 - —
200-lb. bgs., same basis, ton.26.80 - —
bulk, same basis.....ton.25.50 - —
rfd., gran., bbls., 25 c.l. 100 lbs. 2.25 - —
5-24 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls., ton lots....lb. .05⅞- —
smaller lots.....lb. .06¼- —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized...lb. .07 - —
West Coast, f.o.b. ports.lb. .08¼- —
l.c.l. .....lb. .08½- .11¼

Soda nitrite l.c.l. price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works.... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .10 - .11½
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works, 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .06½- .07
import, bbls.....lb. .06½- .07
Stannate, dms.....lb. .41 - .44
Stearate, lump, bbls., works..lb. .19 - .20
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.65
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .80 - .85
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works, lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04¼- —
super, bbls., works.....lb. .01⅞- —
tanks, works.....lb. .01⅜- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs...100 lbs. 3.88 - 4.08
powd., bgs.....lb. 3.98 - 4.18
Iodide, bots.....lb. 1.87 - —
Potato, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .08¼- .08⅝

Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bls.....lb. .10¼- .10½
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Seed, bgs.....lb. .09 - .10
Stramonium leaves, bls.....lb. .11 - .12
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .06¾- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .06½- .09
Strophanthus seed, Kombe,bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts.long ton.18.00 - —
c.l., spot, nearby.long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long-ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works...100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., bbls., works..100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works. 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works.... 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls. works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
Chloride, dms., c.l., works...lb. .02½- —
l.c.l., dms., works.....lb. .03½- —
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works.lb. .15 - .17
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 3.95
Sumac, grd., Sicilian, bls.....ton.60.00 -63.00
leaf, bales.....ton.65.00 -68.00
Extract, 42°, bbls.....lb. .05¼- .06½
51°, bbls.....lb. .06½- .06⅝
stainless, bbls.....lb. .08½- .09¼
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06½- .06¾
poultry, bgs.....lb. .05¾- .06¼
Hungarian medium, bgs..lb. .06¼- .06¾
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.25 - 8.32½
run-of-pile, basis 16%, bulk same basis..ton. 8.00 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs, c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.13.00 - —
l.c.l., mills.....ton.15.00 - —
96.98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
98-99½% 325 mesh,bgs.,c.l., mills, ton..14.10 - —
l.c.l., mills.....ton.15.00 - —
99.85-99.95% 325 mesh, bgs., c.l., mills..ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 -12.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
bgs., c.l., mills..ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Import., Canad., bgs., c.l., dlvd..ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
Talc, import, French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse .....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls....lb. .10¼ Nom.
extra, loose, works.....lb. .09¼- —
special, loose, works.....lb. .09½- —
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs .....keg. 5.00 - 5.25

Soda Ash—Tungsten

Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 4.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 4.00 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago....unit-ton. 3.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.00 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, Mar.-Apr. shipt..unit-ton. 3.90 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .05½
Tar acid oil, 15%, dms, c.l., works .....gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works.....gal. .24½- —
l.c.l., same basis.....gal. .27½- —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .90 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10¼- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .09½- .10
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .45½- .46
Metal, Straits.....lb. .66 - —
Oxide, bbls.....lb. .63 - .66
Tetrachloride, anhyd., bbls..lb. .32 - —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals.lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¼- —
Pac. cst., ex whse....lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld.....lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¾- —
calcium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
under 50 lbs., E. dlvd..lb. .06¾- —
bbls., 1,000-lb. lots, E. frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
Tolidin base, kgs.....lb. .85 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsams, cns.....lb. .48 - .52
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works,..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms, l.c.l., works. lb. 1.25- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .40 - .51
dms., c.l., dlvd.....lb. .34 - —
500 lbs., dlvd.....lb. .37 - —
tech., 1, cns., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- —
500 lbs., dlvd.....lb. .25 - —
2, cns, dlvd.....lb. .26 - .37
dms., c.l., dlvd.....lb. .22¼- —
500 lbs., dlvd.....lb. .23 - —
Triethanolamine, dms., works.lb. .26 - .30
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .36
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.49.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag 3.50 - —
once-grd., bgs., c.l., works..ton.15.00- —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms. lb. 1.90 - 2.00
99%, dms.....lb. 2.05 - 2.15
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75

Turmeric—Yellow Ocher

Turmeric root, Alleppy, bgs...lb. .06¼- .06¾
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .42½- —
l.c.l., 10, ex dock.....gal. .44½- —
5, ex dock.....gal. .46½- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .39 - —
l.c.l., same basis...gal. .41 - —
tanks, dlvd. E. cities..gal. .35 - —
steam-dist., dms., c.l., dlvd.gal. .40 - —
l.c.l., dlvd.....gal. .43 - —
tanks, dlvd.....gal. .35 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Import, 46% N, bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. Gulf ports..unit-ton. 1.04 - —
Uva ursi leaves, bls.....lb. .16 - .18

V

Valerian root, 67s.....lb. .10 - .11
Valonia, beards, bgs., shipt..ton.48.50 - —
Cups, bgs., shipt.....ton.32.50 -34.50
Vanilla beans, Bourbon, tins..lb. 4.75 - 5.50
Mexican, tins.....lb. 4.75 - 5.50
cut, tins.....lb. 4.50 - 4.75
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more, lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more, lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs.....lb. .47 - .49
Verdigris, bbls., kgs.....lb. .24 - .26
Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .70 - .72
tree, bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.33.50 -34.50
Extract, 60°, bbls.....lb. .03½- —
Wax, bayberry, import, bgs....lb. .16½- .17
Bees, white, bleach, slabs., cs., 500 lbs..lb. .38 - .44
yellow, crude, Africa, bgs., lots of 10..lb. .29½- .30
1 bg.....lb. .30 - .30½
Brazil, Chile, bgs., 5-10 tons, lb. .31 - .32
1 ton.....lb. .31½- .32½
500 lbs.....lb. .32 - .33
100 lbs.....lb. .32½- .33½
refd., slabs, cs., lbs.....lb. .34 - .38
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Wax, carnauba, bgs., No. 3 chalky, 1 ton..lb. .35 - .35½
5, bgs.....lb. .35½- .36
1, bgs.....lb. .36 - .36½
N. C. 2, bgs.....lb. .40 - .41
N. C. 3, bgs., 1 ton.....lb. .36¼- .36¾
5, bgs.....lb. .36¾- .37¼
1, bgs.....lb. .37¼- .37¾
refined, bgs.....lb. .40½- .41
yellow, 1, bg, 1 ton.....lb. .45½- .46
5, bgs.....lb. .46 - .46½
1, bgs.....lb. .46½- .47
2, bgs.....lb. .44 - .44½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb.. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¼- .10½
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .33 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bots, 5 lbs..lb. 1.90 - —
dms.....lb. 1.70 - 1.78
Whiting, chalk, coml., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 - 14.50
Whiting, chalk, com'l, wet-grd., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works. ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l. works ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works...ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06¼- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-90 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock....ton.33.00 - —
Wormseed, American, bgs.....lb. .21 - .22
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 2.50 Nom.
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs. same basis.....lb. .50 - —
sulphide, orange, bbls., works, lb. .90 - .95
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R. including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .15½- —
open order.....lb. .16½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02⅛- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01⅜- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import. lb. .0285- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —

The "Santos Maru," laden with Orient bound passengers, potash, carbon black and cotton, leaves the Long Reach wharf of the Houston Compress Company; she has just left a cargo of 25,000 bags of coffee. In the foreground the Ss. "Borkum" is still loading with copper, borax, carbon black, cotton linters, dried fruits and cotton for Middle Europe and the Low Countries.

SALT WATER HIGHROADS—
FROM SOUTH TEXAS TO THE SEVEN SEAS

From South Texas Bills of Lading

- ★ Canned goods
- ★ Carbon black
- ★ Caustic soda
- ★ Coffee
- Copper
- ★ Cotton
- ★ Cotton linters
- ★ Cottonseed products
- ★ Flour
- ★ Hardware
- Hardwoods
- ★ Iron and steel manufactures
- ★ Kraft paper
- Lead and zinc spelter
- Mohair
- ★ Oil well machinery
- ★ Oyster shell (lime)
- ★ Packing house products
- ★ Petroleum products
- Potash
- ★ Rice
- ★ Salt
- Scrap iron
- ★ Soap stock
- ★ Soda ash
- ★ Sulphur (refined)
- Wool

and a long list of others ranging from brass scrap through chlorate of soda and molasses to vegetables, wax and wire products.

★ Natural gas plays an important part in the processing or manufacture of this article in the Texas coast country.

The busy ports of South Texas give the rapidly expanding industry of that region a salt water highroad to markets on all coasts of the United States, and to foreign markets East, West and South. From Houston east, there is the further advantage of the intracoastal canal, with barge lines connecting at New Orleans with the rivers draining the Deep South and the Middle West . . . Wherever the market is (except in the Mountain States), water transportation gives industry on the Texas coast a distinct advantage.

This advantage is combined with other advantages of transportation which include trunk line railways and paved highways, and with advantages of resources which your industry cannot overlook: oil and its by-products; sulphur; salt; timber; metallic and non-metallic ores; clays; cotton and cotton linters; cattle; wool and mohair; and many others. For fuel, we have NATURAL GAS, an efficient, economical source of power.

Investigate South Texas; follow the lead of other industries, of other companies in your own industry. And let us assist you. Without cost or obligation to you, our Research Department will gladly make a survey of South Texas for your company. You will find it a reliable engineering report, individualized to your needs, comprehensive, accurate, detailed. Your inquiry will be kept in strict confidence. Address your letter to Houston Pipe Line Company, Houston, Texas.

HOUSTON PIPE LINE CO.
Subsidiary of Houston Oil Company of Texas
GEO. A. HILL, JR., President
Wholesalers of Natural GAS

Yellow ocher, French., all shades, cks., l.c.l., ex dock, Balto., lb. .0245- —
Boston, N. Orleans..lb. .0245- —
New York.....lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto, Boston, N. Orleans..lb. .0260- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis. lb. .03¼- —
Minneapolis .....lb. .03¾- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle...lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02½- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y.. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthorisa), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
arsenite, bgs., c.s., c.l. dealers, of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
Zinc arsenate and arsenite prices are works or whse. basis, frt. allid. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
bbls. .....lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., dms., works.100 lbs. 4.60 - —
gran., dms., c.l., works. 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
solution, dms., works....lb. .04½- —
tanks, works.....lb. .02 - —
Cyanide, kgs., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0940- —
l.c.l., bbls., dlvd.....lb. .10 - —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report).

Zinc, oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst..lb. .06½- —
leaded, 5%, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd., except Pac. cast..lb. .06¼- —
ex whse., Pac. cs.lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06⅜- —
ex whse., Pac. cst.lb. .06⅜- —
35%, bgs., c.l., dlvd..lb. .06⅜- —
l.c.l., dlvd., except Pac. cst..lb. .06⅜- —
ex whse., Pac. cs. lb. .06⅜- —
bbls., c.l., dlvd.....lb. .06⅜- —
l.c.l., dlvd., except Pac. cst..lb. .07⅛- —
ex whse., Pac. cst.lb. .07⅛- —
50%, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd., except Pac. cst..lb. .07¼- —
ex whse., Pac. cst.lb. .07¼- —
bbls., c.l., dlvd.....lb. .07¼- —
l.c.l., dlvd., except Pac. cst..lb. .07½- —
ex whse.. Pac. cst.lb. .07½- —

Zinc, oxide, pigment, dom., French process, coml., lead-free, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse.,Pac. cst.lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse.,Pac. cst.lb. .06½- —
green seal, bgs., c.l., dlvd. lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07⅝- —
ex whse.,Pac. cst.lb. .07⅝- —
bbls., c.l., dlvd.....lb. .07⅝- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse.,Pac. cst.lb. .08 - —
red seal, bgs., c.l., dlvd. lb. .07 - —
l.c.l., dlvd. except Pac. cst.lb. .07¼- —
ex whse.,Pac. cst.lb. .07¼- —
bbls., c.l., dlvd.....lb. .07¼- —
l.c.l., dlvd. except Pac. cst..lb. .07½- —
ex whse.,Pac. cst.lb. .07½- —
white seal, bgs., c.l., dlvd. lb. .08 - —
l.c.l., dlvd. except Pac. cst..lb. .08¼- —
ex whse.,Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd. except Pac. cst.lb. .08½- —
ex-whse., Pac. cst.lb. .08½- —
Import., gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½

Yellow—Zirconium

Zinc, oxide, USP, bbls., c.l....lb. .09 - —
l.c.l. .....lb. .09¼- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - —
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
l.c.l. .....100 lbs. 3.90 - —
bbls., c.l.....100 lbs. 3.90 - —
l.c.l. .....100 lbs. 4.05 - —
flake, bgs., c.l.....100 lbs. 3.60 - —
l.c.l. .....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.75 - —
l.c.l. .....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.00 - —
l.c.l. .....100 lbs. 5.75 - —
bbls., c.l.....100 lbs. 5.15 - —
l.c.l. .....100 lbs. 5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l. (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls..lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., dms., works....100 lbs. 5.50 - —
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .04¾- —
l.c.l., dlvd. except Pac. cst..lb. .05⅛- —
ex whse.,Pac. cst.lb. .05⅛- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¼- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.52

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Anilin Salts and Dyes:—Purchase and agency, Cairo, Egypt (2816).

Bleaching Clays for decolorizing and filtering:—Purchase and agency, Rotterdam, Netherlands (2790).

Bleaching Oils, Fats, and Greases:—Purchase and agency, Rotterdam, Netherlands (2790).

Bleaching Powder:—Purchase and agency, Cairo, Egypt (2816).

Bone Black for pigments:—Purchase, Cairo, Egypt (2780).

Butyl Acetate and Butyl Alcohol:—Purchase and agency, Zurich, Switzerland (2777)

Carbon Tetrachloride:—Purchase and agency, Zurich, Switzerland (2777).

Cosmetics:—Agency, Weyburn, Canada (2815).

Disinfectants and Insecticides:—Agency, Cali, Colombia (2783).

Druggists' and Hospital Rubber Sundries:—Agency, Lisbon, Portugal (2781).

Glycerin:—Purchase and agency, Cairo, Egypt (2816).

Indigo, Synthetic:—Purchase and agency, Cairo, Egypt (2816).

Industrial Chemicals:—Agency, Cali, Colombia (2783).

Lactic Ferments:—Purchase, Buenos Aires, Argentina (2824).

Magnesium Sulphate:—Purchase and agency, Cairo, Egypt (2816).

Milk Powder:—Agency, Lima, Peru (2812).

Monochlorbenzene:—Purchase and agency, Zurich, Switzerland (2777).

Muriatic Acid:—Purchase and agency, Cairo, Egypt (2816).

Nitric Acid:—Purchase and agency, Cairo, Egypt (2816).

Orange Oil Extracting Machine, mounted on small truck:—Purchase, Rio de Janeiro, Brazil (2810).

Paints and Enamels:—Agency, Johannesburg, South Africa (2782).

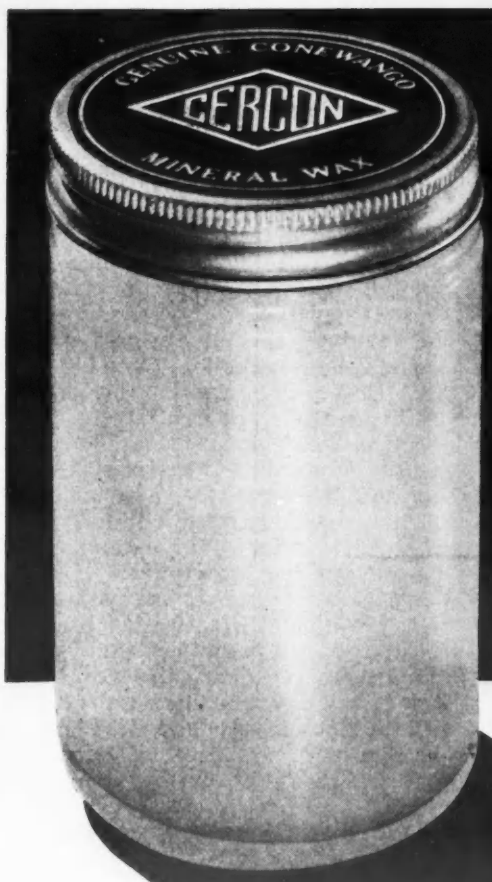
Paradichlorbenzene:—Purchase and agency, Zurich, Switzerland (2777).

Peanut Oil and Beef Drippings, low priced:—Purchase, Medan, Sumatra (2786).

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the March 1 issue; the next printing will be in the April 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 37.



PERHAPS THIS NEW SYNTHETIC WAX WILL LOWER YOUR PRODUCT COST

Into the highly complex field of commercial waxes comes CERCON, a refined mineral product which is supplied in six colors: Snowdrift, Lemon, Orange, Tangerine, Apricot and Olive.

Having an ASTM penetration of 50 with the 50 gram weight attached, CERCON has a wide scope of commercial uses. In many of these uses it offers the manufacturer or compounder a substantial saving over the material now in use, such as ceresin and ozokerite.

Without attempting to further analyze the application of CERCON to any given product or process, we offer test samples to any interested user of this type of material.

Your inquiry will be promptly acknowledged

The Conewango Refining Co.
WARREN, PENNSYLVANIA

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

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Vol. 131 March 29, 1937 No. 13

If It Works It Is Good

The chemical industry will welcome the proposal of the Bureau of Explosives to simplify the regulations for the transportation of hazardous articles. In their present form these regulations are a complexity of phrase and symbol comparable with the most abstruse legislative enactment, and the finding of a properly applicable paragraph is a task for a geophysicist and a bird-dog.

Nobody has been able to explain why the drafters of laws couch their bills in cryptic language; although there is some reason to believe that this is done for the benefit of the legal fraternity. It is far more difficult to understand why regulations are frequently of equal unintelligibility, because it cannot always be assumed that the administrators want to make trouble for others when the result is burdensome also to themselves. Departures from the vague and indefinite and hidden in this respect are so rare that the proposal of the Bureau of Explosives may be regarded as an almost unique triumph of common sense.

It is possible to apply the pragmatic theory of philosophy in such a manner as to do more harm than good in a general sense. But, with respect to the safeguarding of the handling of hazardous articles of commerce a clear requirement of satisfactory results is fully wise, as well as adequate. If a container will safely and assuredly carry its contents to their destination, the material of which it is made or the method of its fabrication is of very minor concern. The best test of its capability is does it work, not what is it made of.

Substituting tests of serviceability for complicated and limited descriptive simplifications in determining the satisfactoriness of a container will open the way for progress in ideas and practices in the field of shipping. New materials, new methods of fabrication often mean real improvement. They will not be hampered under serviceability tests.

The changing of the transportation regulations on hazardous articles will shortly be laid before manufacturers of such articles. The proposal calls for careful study in certain respects. It is one, however, that should not be unnecessarily obstructed.

Treat Them All Alike

Another plan of control by the Federal Trade Commission of advertising of foods, drugs, and cosmetics is proposed in a new bill in Congress. This proposal makes still more objectionable the discrimination against these articles of commerce. And no attempt has been made to justify this discrimination.

It is assumable that false advertising would be included among the deceptive practices for the control of which it is proposed to give the commission specific authority. It would be a simple matter so to define the purpose as definitely to include false advertising. There can be no justification of the singling out of the advertising of a very few classes of articles for such specific attention.

The Federal Trade Commission is not only a food, drug, and cosmetic commission. Its functions embrace all trade. In giving ear to jealous bureaucratic desires, Congress cannot be disregardful of its plain duty to refrain from unjust discrimination. Give the Federal Trade Commission the same authority with respect to all false advertising—finery and food; dingbats and drugs; cigarets and cosmetics. They are all alike.

—O-P-D—

Improving Bulk Packages

Academically regarded, the term, "bulk packaging," contains all the elements of self-contradiction. In practical application it has a definite meaning—and, after all, that is what words are for. A better term might be found, from the rhetorician's point of view, but a more important term in a commercial sense would be difficult to adduce; because bulk packaging is big in more ways than one.

The bigness of the bulk packaging of articles of commerce apparently was not an impressive influence for some years on those whose endeavor it is to make industry and the public more conscious of the importance of the package in business building. But, this year the bulk package was recognized in the annual conference on packaging, and a good start was made in the direction of developments that have more of a utilitarian purpose than of an esthetic purpose. The way has been opened for a large measure of study which should be useful to industry as a whole.

The most desirable characteristic of the bulk container is practical serviceability. Appearance is not wholly negligible, but it is distantly secondary at best. Serviceability of a bulk container rests on a number of requirements. The container must be adequately suitable for the transportation of the article for which it is intended, and it must fit into the processes of the user of that article. It must be easy to fill and easy to empty. In addition it must withstand hard usage, and it must not add unnecessarily to the work in handling shipments. Cost in many instances comes second among the characteristics.

One of the major lessons imparted by the discussions at the conference on bulk packaging last week had to do with the desirability and benefits of closer relations between those who make bulk packers and those who use them.

The packer of materials which are shipped in the larger units popularly known as bulk packages knows fairly well what he wants. It is not difficult for him to find out what his customers think in respect of containers, and it is important that he do this. The manufacturer of bulk containers knows what he can make within the limits of serviceability and cost. He does not know all that he should know about how his capability fits into the needs of users.

Last week's conference on bulk packaging was a first step toward a desirable and beneficial getting together in ideas of user and maker of bulk containers. Each group has units well equipped for cooperative service that can mean much for both. Each group has much to learn from the other. The best value of this learning will come through the creation and functioning of contact units similarly minded in a purpose of service.

—O-P-D—

Join in the Jubilee

What is now the New York Paint, Varnish and Lacquer Association was conceived in the 1886 meeting of the National Wholesale Druggists Association as a "social and business" organization of the paint, oil, and varnish trades of this city. In those days the wholesale drug trade was the principal distributor of oils, paints, and varnishes, and most retail drug stores had in their cellars or backrooms barrels of linseed oil and "turps," of indian red, venetian red, and ocher, kegs of white lead, and smaller containers of various dry colors.

The Oil, Paint and Drug Reporter was a sort of attending physician during the gestation of the paint organization and at least was an assistant obstetrician at its birth. More than eight columns of small type was devoted in the March 2, 1887, issue of this paper to an account of the birth and christening of the infant. It was named the Paint, Oil, and Varnish Association of New York—and it was born more than eleven years before the industry got a national organization.

April 7, the New York Paint, Varnish and Lacquer Association will celebrate its jubilee. The social side of its original purpose will reign completely on that occasion. All will be new faces at this celebration, but it can be predicted with assurance that those who participate will have the same spirit of good-fellowship and mutual interest that imbued their predecessors at the christening banquet fifty years ago.

There will be veterans at the jubilee celebration, and their reminiscences will be worth hearing, because, for one thing, they will show that business problems come in the decades to differ, if at all, far more largely in degree than in kind. Out of history it is possible to draw knowledge useful in the affairs of today and advantageously applicable to the troubles of tomorrow. There will be newcomers at the celebration, to learn and also to teach, because all originality of idea and plan did not die with past generations.

It is good to go over the past, and the New York paint organization has a past of which it can justly be proud. It has a commendable present, and it is able to look forward to a further resultful future. All, then, young and old, should gather for the association's jubilee, and their purpose should be not so much to dwell upon the glories of organized achievement as to meet and really to get better acquainted with all those others who, in addition to being fellows in industrial and commercial pursuits, are also good fellows to know, and to be known by, among men.

Jubilees do not come often in the lives of men or their associations. This in itself is sufficient reason for making the celebration of the local paint association's fiftieth anniversary memorable. The opportunity to enjoy good company, to foster better acquaintance and understanding is a still better reason for going to the association's party.

EIGHTY-EIGHT YEARS OF EXPERIENCE

Potassium Iodide
Sodium Iodide
Iodine

PFIZER QUALITY

CHAS. PFIZER & CO., INC.

81 MAIDEN LANE
NEW YORK

444 W. GRAND AVE.
CHICAGO

Bulk Packaging Group Discusses Drums

(Continued from page 5)

this subject. The question is a broad one and has many ramifications, and a steel containing also some molybdenum is best for avoiding discoloration of contents by corrosion. Pure acetic acid, acetic anhydride, and high-strength phosphoric acid have been satisfactorily shipped in the latter type of stainless steel, it was said. Titanium and columbium are sometimes used as stabilizing components to guard against corrosion at welds.

A lower-cost stainless steel drum does not appear to be practical, it was explained, the cost of fabrication being a more important item than the cost of the alloy. Experiments are being made with the inner coating of ordinary steel with stainless steel.

Stainless steel has a greater strength than ordinary steel when cold treated. The greater its tensile strength, as a result of proper treatment, the lower its resistance to corrosion, it was said. A 16-gauge stainless steel has the strength of 14-gauge ordinary drum steel, was the information given.

Protective Coatings

Metal inner coatings are practical and satisfactory on heavy drums, but tin linings are not practical on lighter drums and galvanizing adds much to the cost. Cheap varnishes are useless, and even the better coatings made from synthetic resins, air-dried or baked, are attacked by some solvents.

There was a difference of opinion as to the value of double trimming, but it was declared that the double process was the only practicable means of avoiding pits.

Preparation of the surface before lacquering or similarly coating was said to be of more importance than the type of coating alone. Those who use air-dried or baked coatings find it desirable to test these on panels for sufficient periods. Thermoplastic coatings, alone or superimposed on lacquer, were commended. These were said to be satisfactory for zinc chloride solutions and similar fluxes.

Protection in Transportation

Some bitter criticism of railroads was made in the discussion of means of preventing the marring of decorated surfaces of drums in shipping. Careless handling of cars was said to be too prevalent. Individual wrapping, which is costly, did not always give full assurance, it was testified.

Drums must be packed tight in a car, well tied in or anchored, to prevent shifting and scuffing. The cost of properly packing a car was emphasized, and it was said that purchases were transferred from distant suppliers to others closer by to avoid the unsatisfactory results of bad handling by railroads. A number of shippers had gone to trucking for the delivery of their goods to customers in order to assure arrival in good appearance. This, it was declared, seemed to be the only means of getting railroads to make patently necessary improvements in their handling of cars.

Shirts or stockings, proper wrappings, cardboard strips—these were among the protectives mentioned. All are of some use; bad handling of cars lessens their efficacy; proper, tight packing is most essential in all circumstances; a "floating" load is disastrous. There was some criticism of the lack of standardization in drums, which made it impossible to prevent scuffing by rolling hoops because these are not always spaced the same.

Flanges and Plugs

In the discussion of the relative satisfactoriness of welded and mechanically seated flanges in drums, it was said that, while both types have their usefulness, the welded flange is the satisfactory one for returnable drums. Gaskets and fillers, essential parts of the pressed in flange, are impaired and destroyed by the action of corrosive contents. Repeated opening and closing of the plugs was also advanced as a factor that made the welded flange preferable for returnable drums.

Three-thread plugs had been found satisfactory in nonreturnable, one-trip, drums, but it was the belief that a returnable drum should have a plug with five engaged threads. Corrosion was noted as a factor. It was said that there was no appreciable difference in the costs of the two types of plugs.

Standardization of plug sizes and shapes was favored, with a view of reducing the number and variety of tools required to open or close a drum. A warning was sounded against allowing lacquer or a similar liquid to get on a plug and seal it so that removal was almost impossible. Odd styles and sizes have been eliminated to an extent, and it was declared that drum manufacturers would be glad to work for further standardization. The suggestion was made that these manufacturers get a simplification schedule from the Department of Commerce, the experience of the paint industry in this direction being commendably mentioned.

The necessity of selecting a plug appropriate to the contents of the drum was pointed out, and the avoidance of electrolytic action attributable to the use of different metals in plug and flange was advised.

Use of tapered-thread faucets, instead of straight threads, was mentioned as a cause of trouble, the force required to make the former leakproof doing damage to the joints of pressed-in flanges and making removal of the faucet difficult. A word of warning was sounded also against the damage done to threads by the use of air pressure in emptying drums. Standardization of threads was urged.

Rolling Hoops

Distortion of the rolling hoops on a drum was brought up as a serious problem; this usually is accompanied with weakening of the shell. Better production methods have lessened this trouble, and it was said that the straight-rolled hoop was better than the expanded hoop. Additional strength could be gained by corrugating the shell near the hoops, and this also obviated trouble with skids that did not match hoop spacing.

Standardization was advocated, especially to do away with the demand for $\frac{3}{8}$-inch hoops, instead of the superior $\frac{3}{4}$-inch hoop, this demand arising from a desire to save in export carrying charges based on cargo space occupied. It was stated that a $\frac{5}{8}$-inch hoop had been found stronger than one $\frac{3}{4}$-inch high, but drum manufacturers pointed out that this height added as much as did a $\frac{3}{4}$-inch hoop to the shipping charge space. Mention was made of the occasional breaking of the scale of the steel shell in the swedging of hoops.

Ring Closures

Tightness being essential, it was said that the best ring closure for open-head drums was that which had an auxiliary nut for adjustment. Other users reported finding certain plain lever closures satisfactory. It was generally agreed that the formation of the ring and the bead had much to do with the satisfactoriness of the closure.

The advantages of the open-head drum were noted, especially in the paint industry or others where it is necessary or desirable to agitate the contents of a drum over an extended period of use.

Fiber Drums

Fiber drums are not yet fully suitable containers for liquids, it was said, although reports of successful application in this field have been made. For pastes and still less viscous semi-liquids this class of drum is satisfactory.

Protection of contents and avoidance of contamination offer problems of

(Continued on page 33)

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STAUFFER

Heavy Chemicals

Gray Sal Ammoniac Higher—White Unchanged—Zinc-Ammonia Chloride Raised—Soda Stannate and Tin Crystals Strong —Chlorine Continues Firm—Copperas in Good Demand

Demand in the market for heavy chemicals was highly irregular during the week just closed. Manufacturing consumers continued to cover for nearby production requirements only, the widespread labor unsettlement being the factor sponsoring the conservative buying policy. However, the volume of business was sufficient to give the market a firm price appearance. Changes in the market included an advance in gray sal ammoniac, lead arsenate, soda alginate, soda stannate, tin crystals, zinc-ammonia chloride and phenyl chloride, antimony needle, abietic acid, and natural barium carbonate.

Reports from the steel industry continued to tell of further improvement in production schedules, although labor strikes were noted in the automobile industry and trades feeding the automobile industry with parts. The textile industry was operating at a high level. While the price for gray sal ammoniac was advanced, no change was disclosed in prices for white material. Lead arsenate price advance became general throughout the trade. Higher prices for soda stannate and tin crystals reflected an increase in price for Straits tin. Chlorine continued firm. Fluorspar was in short supply. Nickel salt and chromic acid remained firm.

Alums. — Demand in the market for iron-free and commercial alumina sulphate continued quiet during the week just closed. Prices were unchanged. January exports amounted to 3,485,344 pounds, valued at $36,578, of which Portugal consumed 9,178 pounds; Canada, 3,447,875 pounds; Mexico, 3,740 pounds; Colombia, 8,000 pounds, and Philippine Islands, 16,000 pounds.

Ammonia, Anhydrous. — Although demand lacked improvement, sellers reported prices were well maintained, for a good volume of business was on the books for forward delivery.

Ammonia Nitrate. — Shipments were strictly routine in this market. Prices were unchanged. January imports amounted to 1,147,360 pounds, valued at $13,435, of which Belgium shipped 1,102,300 pounds, and Norway, 45,060 pounds.

Antimony Needle.—This product was slightly higher at 16c. to 18c. per pound.

Ammoniac, Sal. — An advance of 50c. per 100 pounds was reported in gray sal ammoniac, making the car lot quotation $5.50 per 100 pounds. No change was disclosed in the white product.

Arsenic. — A fairly active demand was reported for this material again last week. Sellers reported no change in quotations. January imports of white arsenic amounted to 2,636,398 pounds, valued at $70,433, of which Belgium shipped 134,043 pounds; Germany, 22,046 pounds; Sweden, 63,367 pounds; Canada, 91,059 pounds; Mexico, 1,996,379 pounds, and Japan, 329,504 pounds.

Barium Carbonate.—An advance of $2 per ton was made recently in the natural product, being listed at $44 to $47 per ton. January imports of barium compounds totalled 417,134 pounds, valued at $15,355, of which Germany shipped 402,123 pounds; Netherlands, 13,909 pounds, and United Kingdom, 1,102 pounds.

Bleaching Powder. — Although buying was strictly a routine affair during the week just ended, producers reported quotations continued to display a firm tone. January imports totalled 75,725 pounds, valued at $2,728, of which Germany shipped 17,725 pounds; Italy, 11,200 pounds, and United Kingdom, 46,800 pounds.

Blue Vitriol. — A firm tone prevailed in this direction throughout the week, reflecting the firm character of the price tone in the basic metal. Demand was good.

Calcium Chloride. — A fair amount of business was transacted in this market again last week. Producers reported prices were firm. January imports amounted to 328,717 pounds, valued at $5,502, of which Greece consumed 30,100 pounds; Panama, 55,820 pounds; Mexico, 103,012 pounds; Cuba, 105,512 pounds; Netherland West Indies, 20,000 pounds; Colombia, 3,150 pounds; Venezuela, 4,120 pounds; New Zealand, 2,400 pounds, and Liberia, 1,200 pounds.

Chlorine. — Interest here was good during the week, no change was uncovered in quotations. Sellers reported a good volume of business on the books for shipment during the next quarter.

Copper. — Dealings in the domestic copper market were fairly active, price was unchanged at 16¼c. per pound. The foreign market moved forward to 17.22½c. per pound Wednesday.

Copperas. — Shipments were moving out in substantial volume during the week. No change was disclosed in quotations. Steel mill operations moved forward to 90 percent of capacity.

Feldspar. — A good buying movement was reported in this direction. Prices ruled unchanged.

Fluorspar. — Shipments were moving for the account of the steel industry, as well as for the ceramic trade, at a pace sufficient to leave producers without surplus stocks. Further improvement was shown in the steel mill operations.

Lead Acetate. — A good call was reported for this material during the week. No change was disclosed in prices, the level having been raised in the previous period to 2c. per pound higher.

Nickel Salt. — Demand was fairly good throughout the period just ended. The plating trade was operating at a good level of production. Prices held unaltered.

Phenyl Chloride. — An advance of 1c. per pound was reported here, the market being listed at 17c. per pound.

Phosphorus. — This market moved through a quiet week, from a demand standpoint. Sellers were quoting red phosphorus at 40c. to 44c. per pound, according to quantity; yellow, 24c. to 30c. per pound; oxychloride, 15c. to 18c. per pound; sesquisulphide, 38c. to 42c. per pound, and trichloride, 15c. to 18c. per pound.

Potash Carbonate. — Contract releases from the textile trade and other usual consumers came into the market at a fair pace. No change was noted in prices. January imports amounted to 277,931 pounds, valued at $13,741, of which Germany shipped 187,851 pounds; Netherlands, 88,323 pounds; Sweden, 661 pounds, and Hongkong, 1,096 pounds.

Potash, Caustic. — Business here continued along routine lines, sellers reporting prices firm. January imports amounted to 82,506 pounds, valued at $6,219, of which Germany shipped 70,242 pounds, and Sweden, 12,264 pounds.

Potash Chlorate.—Nothing important developed in this market. Sellers reported prices were steady. January imports of chlorate and perchlorate amounted to 343,860 pounds, valued at $18,284, of which France shipped 94,976 pounds; Germany, 209,437 pounds; Sweden, 5,500 pounds, and Switzerland, 33,936 pounds.

Saltcake. — Business here was fairly good during the week. The call came from the paper and glass trades and routine sources. No change was disclosed in quotations.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Abietic acid, 3c. per lb.
Ammoniac, sal, gray, 50c. per 100 lbs.
Antimony needle, ½c. per lb.
Barium carbonate, natural, $2 per ton.
Lead arsenate, 1c. per lb.
Phenyl chloride, 1c. per lb.
Soda alginate, 5c. per lb.
stannate, ½c. per lb.
Tin crystals, ½c. per lb.
Zinc-ammonia chloride, 50c. per 100 lbs.

Reduced

None

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.3	**154.2**	**154.0**	**153.3**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	**99.4**	**99.4**	**99.4**

Market news that may have developed after this report was sent to press will be found on page 4.

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Soda Alginate. — An advance of 5c. per pound was reported here. Sellers were naming 69c. per pound.

Soda Ash. — A good buying movement was reported in this market again last week. Demand came from routine sources. January exports amounted to 4,688,758 pounds, valued at $64,159, of which South Africa consumed 89,124 pounds; Mexico, 2,081,890 pounds; Cuba, 294,962 pounds; Argentina, 138,600 pounds; Brazil, 363,760 pounds; Chile, 1,104 pounds; British India, 292,700 pounds; Japan, 451,250 pounds, Canada, 561,684 pounds, and Philippine Islands, 127,711 pounds.

Soda Bicarbonate. — Business here was fairly good again last week. No change was disclosed in quotations. January exports amounted to 1,152,483 pounds, valued at $18,145, of which Canada consumed 603,029 pounds; Mexico, 191,329 pounds; Colombia, 54,410 pounds; Venezuela, 38,882 pounds.

Soda, Caustic.—Routine demand resulted in a substantial movement of this material. January exports amounted to 14,077,251 pounds, valued at $255,252, of which China consumed 3,025,447 pounds; Netherland India, 3,093,349 pounds; Mexico, 1,732,865 pounds; Cuba, 1,214,212 pounds, and Netherland West Indies, 1,389,578 pounds.

Soda Phosphate. — A firm tone prevailed in the market for di-and and tribasic soda phosphate. No change was uncovered in quotations. January exports amounted to 501,187 pounds, valued at $18,280, of which South Africa consumed 13,375 pounds; Canada, 169,753 pounds; United Kingdom, 117,517 pounds; Switzerland, 24,840 pounds; Netherlands, 33,000 pounds; Irish Free State, 11,200 pounds, and Belgium, 88,840 pounds.

Soda Silicofluoride. — A fairly active call was reported here. No change was shown in quotations. January imports amounted to 776,655 pounds, valued at $32,508, of which Denmark shipped 281,069 pounds; Germany, 86,954 pounds; Italy, 173,832 pounds; Netherlands, 157,419 pounds, and Canada, 77,381 pounds.

Soda Stannate.—A slight advance was reported in this market last week. The higher price could be traced to an upward movement in the price for Starist tin.

Strontium Nitrate. — Demand here was fair. Prices were unaltered. January imports amounted to 19,285 pounds, valued at $1,425. The material came from Germany.

Tin Salts.—A steady tone was noted in tin crystals and anhydrous tetrachloride of tin was firm. According to statistics just issued in the March bulletin of the International Tin Research & Development Council, world consumption of tin in January, 1937, increased by 18.4 percent to 15,668 tons, against 13,237 tons in January, 1936. Activity in the principal tin consuming industries is at an appreciably higher level than a year ago, world tinplate production in January, 1937, being 311,000 tons against 275,000 tons in January, 1936, while the output of motor vehicles has increased from 473,000 to 501,000. World production of tin in January at 13,660 tons was at practically the same level as in January, 1936. The following are the permitted outputs of the chief producing countries for the first quarter of this year with the quota at 100 percent: Malaya, 17,985 tons; Bolivia, 11,623 tons; N. E. I., 9,083 tons; Siam, 4,500 tons; Belgian Congo, 3,300 tons; Nigeria, 2,723 tons, and French Indo-China, 750 tons. World visible stocks of tin decreased during February by 2,166 tons to 22,756 tons. In February, 1936, these stocks stood at 16,435 tons.

Zinc-Ammonia Chloride.—An advance of 50c. per 100 pounds was reported in the market for this article; sellers were naming $5.15 to $5.50 per 100 pounds, according to quantity.

Acids

Demand in the market for mineral acids continued fairly active at times during the week. Abietic acid noted a higher price schedule. Sulphuric acid shipments were moving out at a fair pace, but the labor unsettlement in a number of industries was reflected in the shipments against contracts, consumers apparently holding to a conservative buying policy. Chromic acid remained firm. Formic acid and lactic acid moved forward at a fair pace. A steady tone was reported for muriatic and nitric acids. There was a good amount of buying of oxalic acid, a firm tone being in evidence. Battery acid demand was quiet.

Abietic.—An increase of 3c. per pound was made in this product recently, sellers were quoting 9¾c. to 10c. per pound.

Imperial Chemical Wins Capital Reduction Plea

LONDON, Mar. 16, 1937.

The House of Lords yesterday gave its reasons for dismissing the appeal by John Kennedy Carruth,' who appealed on behalf of the holders of deferred shares in Imperial Chemical Industries, Ltd., against an order of the Court of Appeal affirming an order of Justice Eve confirming the reduction of the capital of the company from £95,000,000 to £89,565,859.

Concluding a long and complicated judgment, Lord Blanesburgh said: "It is sufficient to establish the only presently relevant fact, namely, that there will be provided for the deferred shareholders everything that under the scheme they are to receive in return for their reduced share capital."

Lord Maugham and Lord Russell of Killowen concurred in this judgment.

Battery.—Business showed little improvement during the week, but no change was uncovered in quotations.

Boric.—A steady to firm tone governed the dealings in this market; usual consumers were withdrawing fair-sized quantities.

Chromic.—Shipments were moving forward at a good pace during the week. A decidedly firm tone was in appearance.

Formic.—Nothing new was uncovered in this direction; routine consumers were withdrawing fair quantities, and a firm tone was in evidence.

Lactic.—Shipments were moving forward at a fair pace during the week. A firm tone governed the dealings.

Muriatic.—A steady to firm tone was reported in this market again last week; shipments were moving to regular consumers at a consistent pace.

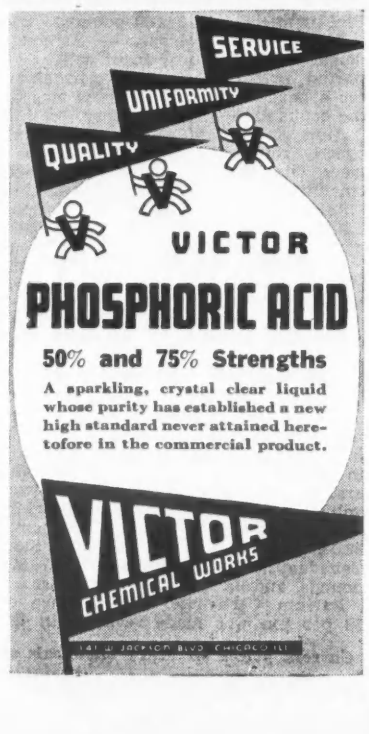
Nitric.—This market presented little variation from recent weeks, demand being sufficient to give the market a steady price tone.

Oxalic.—Usual buyers were withdrawing fair quantities. No change was noted in prices.

Sulphuric.—This market continued to experience a good demand during the week just ended. Prices were firm. Reports from the steel industry continued to tell of improvement in production schedules. The textile trade was operating at a good level.

BALTIMORE, Mar. 24.—There was no easing off in the market for sulphuric acid during the last week, with the continuation of an active inquiry, which failed to result in any important trading because of inability on the part of the producers to book business solely for the reason that there was no acid for sale. Until increased facilities for turning out acid are provided, such new business will have to wait, the present production being taken up with contracts that extend over periods of time. Such new business, it also looks, will be accepted only at advances in prices, for the cost of materials and the expense of manufacture have gone up meanwhile, and acid cannot be turned out on the old basis at a profit, it is said. For the present the nominal quotations stand at $12 per ton for 60 degree and at $14 to $15 per ton for 66 degree acid, but they are merely mentioned by way of stating a basis, with no acid actually available at these levels. Oleum is in much the same position, with the current figure at $17 per ton for 20 percent stocks.

(Continued on page 31)



Creighton Made Director Of Atlas Powder Co.

M. J. Creighton, general manager of the Zapon Division of the Atlas Powder Company, was elected to the board of directors of the company at the recent annual meeting. Mr. Creighton, graduating from the University of Maine, went to the Atlas Powder Company July 1, 1915, after general experience in various plants and at the Perryville ammonium nitrate operations. He was transferred to the Wilmington office of the company in 1919 to take charge of the research division. In 1924 he was transferred to the Zapon Company, and became general manager of the Zapon Division in 1935. Mr. Creighton, as general manager of the Zapon Division, has charge of all cellulose products manufacture and sales for the company including industrial finishes and coated fabrics. He is also in charge of the Zapon-Brevolite Division with plant and offices at North Chicago, Illinois.

M. J. Creighton

Heavy Chemicals

(Continued from page 30)

Insecticides

Business in the market for agricultural insecticides and fungicides continued active during the week just closed. Consumers were reported to have ordered a substantial volume of business for forward delivery. The outstanding feature in this market was the establishing of a slightly higher lead arsenate prices, at the level some sellers were quoting in the preceding period. The good demand for lead arsenate, together with increased production costs, accounted for the rise in prices. Calcium arsenate continued firm. There was a steady tone noted for nicotine sulphate.

Bordeaux Mixture.—Demand here was fair during the week, the inquiry being concerned with forward shipments. Prices were steady.

Calcium Arsenate.—Demand here was fair. Prices ruled firm. January exports totaled 204,900 pounds, valued at $7,458, of which Mexico purchased 2,300 pounds; Cuba, 30,000 pounds, and Peru, 172,400 pounds.

Lead Arsenate.—This market noted a strong tone, sellers were quoting the market 1c. per pound higher at 11½c. to 12½c. per pound, according to quantity. These prices are to dealers only. January exports totaled 14,939 pounds, valued at $1,259, of which Mexico consumed 4,800 pounds; British West Indies, 6,492 pounds, and South Africa, 3,024 pounds.

Nicotine Sulphate.—This market was quiet again last week. Quotations ruled steady. January exports amounted to 96,569 pounds, valued at $52,387, of which New Zealand consumed 6,050 pounds; Australia, 9,498 pounds; Japan, 76,245 pounds; Brazil, 1,000 pounds; Argentina, 1,500 pounds, and Mexico, 1,197 pounds.

Coke By-Product Plant Ordered

The Semet-Solvay Company, wholly owned subsidiary of the Allied Chemical & Dye Corporation, has received from the Great Lakes Steel Corporation, subsidiary of the National Steel Corporation, a contract for a 130-oven by-product coke plant on Zug Island in the Detroit River. The by-product plant is to include a benzene refining unit. The design of the coke ovens provides for heating with blast furnace gas, releasing the coke-oven gas to the steel mills. The coke-oven gas would be piped through a large gas line to the mills at Ecorse, three miles away.

Si-Lux Buys Ownership Of J.H.R. Products Co.

The Si-Lux Company, Pittsburgh, through purchase of the entire outstanding capital stock, has acquired ownership of the J. H. R. Products Company, an Ohio corporation, which has been engaged in the manufacture of industrial chemicals since 1916 and ranks as one of the country's important producers of barium. Affected by the transaction is a plant at Willoughby, O., occupying 4½ acres, equipped for the manufacture of all standard barium compounds, hydrogen peroxide, J. H. R. tank-lining compound, anti-scumming dust, and bar-flux, the barium-base fluxing material used extensively by both the steel and non-ferrous metal industries.

The Si-Lux Company is headed by Albert Pavlik, who assumes the presidency of the Ohio corporation. Mr. Pavlik states the purchase was made primarily to provide additional facilities for the manufacture of bar-flux, but that he intends to continue the production of other barium compounds. The name of the J. H. R. company will be changed to Si-Lux Corporation, and the plant will be modernized and enlarged to meet increasing business. M. J. Rentschler, chemical engineer, who has been manager of the J. H. R. company since its organization, will continue in similar capacity.

British Chemical Wages

About 20,000 employees in the chemical industry in England and Wales are receiving increases in wages of at least three shillings a week for men and one shilling sixpence for women, girls and youth. The increases are being paid in two instalments, the first immediately and the second in June After the second advance the standard minimum rates will be 1s. 2⅞d. per hour for shift men and 1s. 1⅜d. for laborers.

Stark, Murphy Elected Pratt & Lambert Directors

Robert C. Stark, former president of the Federation of Paint and Varnish Production Clubs, was elected director of Pratt & Lambert, Inc., at the annual directors meeting, March 23. Now general superintendent of the company, he has been associated with Pratt & Lambert for 22 years. Active in trade and civic circles in Buffalo, Mr. Stark also is widely known throughout the industry. Forty-one years old, he progressed through Pratt & Lambert from a bookkeeper's position to his present duties in charge of all the firm's manufacturing facilities in the United States and Canada.

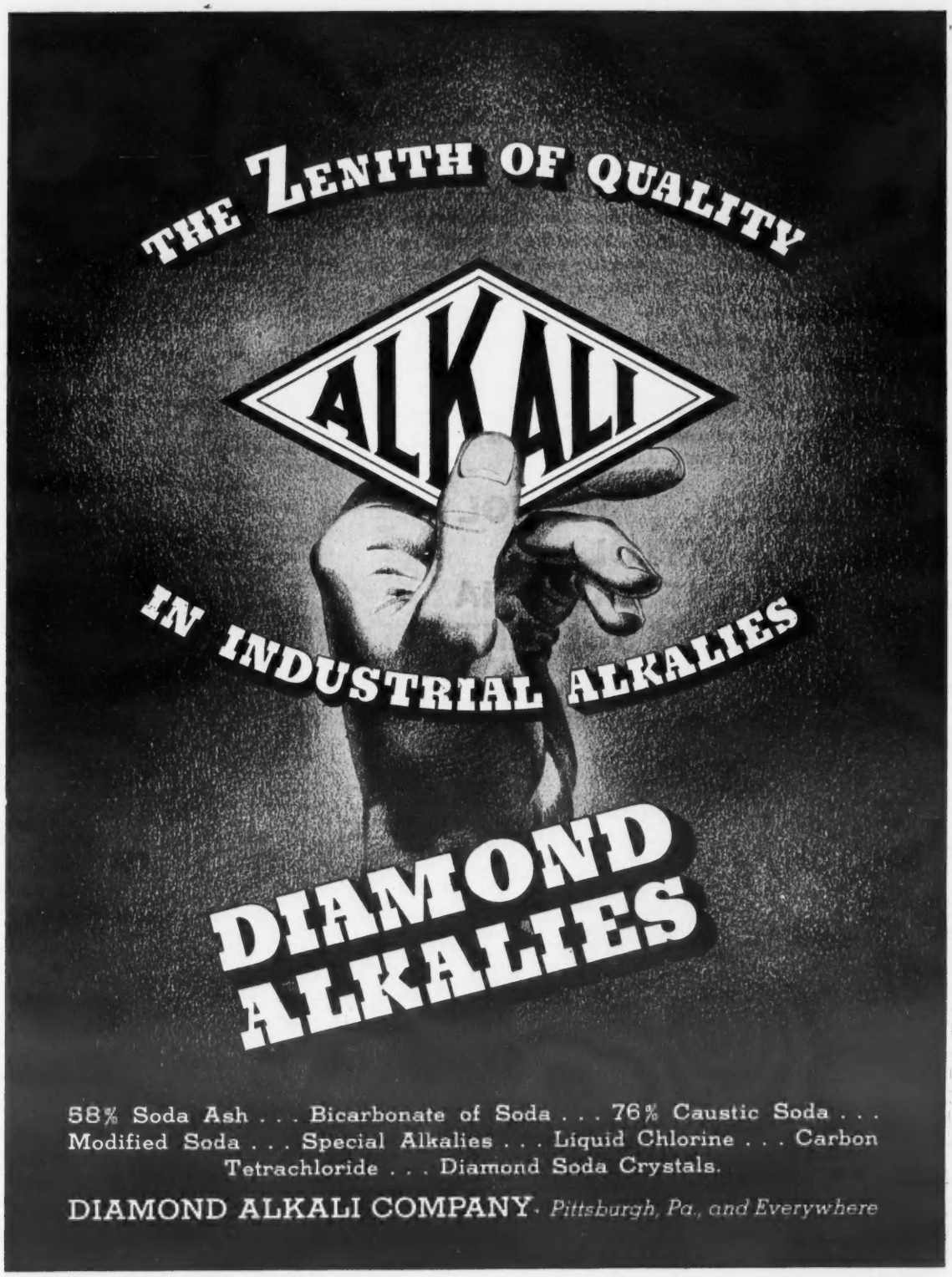
T. Emerson Murphy also was voted a place on the board of directors. Mr. Murphy is assistant secretary and manager of Buffalo sales.

Label Nomenclature Standard Is Advocated

The adoption of a standard system of label nomenclature, which would specifically grade the merchandise labeled, was advocated by Ephraim Freedman, of R. H. Macy & Co., speaking on "Consumers Problems," before the monthly meeting of the New York section of the American Association of Textile Chemists and Colorists, held March 19, at the Chemists' Club, this city.

The use of such ambiguous terms as sunfast and colorfast was condemned by Mr. Freedman. He urged that in their stead definite grades should be established to describe degree of color permanency, shrinking qualities, and other properties. The consuming public would be appreciative of such a system, he said.

Mr. Freedman also reviewed the consumer problems yet to be solved by the textile chemist. These problems: fading, shrinking, staining, crocking, running, and others, must be combated by progressive management employing textile chemistry to a larger extent than it is now employed. He urged that a larger part of the management budget be given over to increased research and the collection of factual information. The fabrics possessing superior qualities resulting from research will be demanded by the customer, he said.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Coaltar Chemicals

Benzol Orders Keeping Abreast of Production—Cresylic Acid Continued in Short Supply—Toluol Slower—Xylol Holds Firm —Creosote Oil Remains Steady—Intermediates Quiet

The market for coaltar chemicals noted a fairly active demand again last week. Benzol orders were keeping abreast of production, but some slackening was shown in the call for toluol. Crude naphthalene was quiet. Xylol and solvent naphtha remained firm. There was a short supply of cresylic acid. Creosote oil was steady. Coaltar intermediates and colors continued to note a steady to firm price tone.

Strength in prices for cresylic acid reached such proportions that sellers in all quarters of the market stated prices were strictly nominal. Demand for cresylic acid came from the synthetic resin industry and routine industrial consumers. Creosote oil was steady, but the inquiry regarding forward shipments were somewhat improved. Business in crude naphthalene was quiet again last week, offerings from abroad continued on a fairly larger scale. Sellers of refined naphthalene reported quotations were firm, with the active shipping season close at hand. Toluol demand reflected the labor disturbance in the automobile industry, but a firm tone governed the dealings. Steel mill operations were at a higher level, indications being that further improvement would take place in the second quarter. Betanaphthol continued firm. An active call was noted for phthalic anhydride.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.4	**126.4**	**123.1**	**126.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—A good demand was reported in this direction during the week, orders were said to be keeping abreast of production. No change was disclosed in quotations. The rubber tire manufacturers and other routine consumers were ordering supplies for nearby production requirements only, for reports continued to tell of labor unsettlement in the automobile industry. Reports from the steel industry continued to tell of the upward movement in production schedules, the rate last week was 90 percent, according to Iron Age. This source also stated that heavy backlogs for the second quarter in nearly all products virtually assure the continuance of the present rate or close to it during that period. March books were said to have exceeded February orders by fully 50 percent. Iron Age further stated that Lake Superior ore movement is expected to start early in April and predictions are that fully 60,000,000 tons will be brought down this year by water.

Creosote Oil.—Demand was fair during the week. No change was disclosed in quotations. Belgian creosote exports were controlled during 1936 by the Comptoir Franco-Belge de Vente. This organization came into being due to the great expense required for the installation of equipment for stocking and from trans-shipping creosote, the tanks, pumps, lines and other accessory structures exceeding the cost which individual producers wished to invest. About 20 producers have pooled their export interests in this sales comptoir. World markets are pooled. So far no attempt has apparently been made to affect world prices, as the group is not powerful enough, nor does it as yet enjoy sufficiently powerful affiliations. The significance of this comptoir for Belgium is apparent when it is realized that only 5 percent of the local production of creosote is consumed locally, while 95 percent must be exported, according to Commercial Attache's office, Brussels.

Cresylic Acid.—A heavy demand continued in evidence for this article throughout the week just ended. The synthetic resin industry and other usual consumers again placed a demand in excess of actual production, causing a decidedly firm tone. Prices were strictly nominal.

Naphthalene.—Business in the market for crude naphthalene continued quiet during the week. Prices were about the same as in the preceding period. Refiners were getting ready for the active shipping season, with some favorable inquiries already reported. A decidedly firm tone prevailed in the market for refined naphthalene.

Phenol.—Shipments were moving out at a fair pace throughout the week; the synthetic resin industry, petroleum trade and other routine consumers were withdrawing representative quantities. No change was disclosed in quotations.

Solvent Naphtha.—Nothing new was uncovered in the market for industrial water white naphtha, the regular consumers were withdrawing quantities sufficient to give the market a firm tone. Usual buyers supplied a fair demand for high flash naphtha.

Toluol.—This market presented little change during the course of the week under survey, with the possible exception that demand was a pace slower, for the automobile industry continued to be disturbed by labor trouble. Negotiations were being carried on between the Chrysler executives and CIO representatives.

Xylol. — Usual buyers were placing a fair demand in this market again last week. No change was uncovered in the quotations.

Chicago Coaltar Bases

CHICAGO, Mar. 25.—Sellers report a good movement of representative grades in the coaltar bases, notwithsanding the fact that some of the consuming industries are tied up to a certain extent with labor trouble. Benzols are moving moderately well. Inquiry continues along ample lines. Ruling prices are—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13c. to 13½c.

Coaltar Acids

Anthranilic. — Demand was fair during the week just ended, sellers reported no change in the technical product.

Benzoic. — Quiet prevailed in this market again last week, sellers reported prices were steady to firm.

Chicago. — Another dull week was noted in this product, consumers covering when needs were urgent. Quotations were unchanged.

Malic. — Shipments were moving out in good volume during the period under review, routine consumers supplied the call. Prices remained firm.

Koch. — This market was dull and featureless again last week. Prices were unaltered.

Salicylic. — Usual consumers continued to order out a good volume of business during the week, and a firm tone governed the dealings.

Sulphanilic. — Another quiet week was reported in this direction, but the volume of business transacted was sufficient to give the market a steady price appearance.

Tobias. — Despite the dull character of call in evidence at times during the week, sellers reported prices were steady.

Other Intermediates

Anilin Salt. — Demand here was quiet during the week. Prices ruled firm.

Benzidin Base. — Although the market continued to experience a slow demand, sellers reported no change in quotations.

Betanaphthol. — A good inquiry continued to be experienced in this direction during the week. Prices were decidedly firm.

Dinitrotoleune. — This market pre-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

sented little change, shipments were moving out at a good pace. Quotations ruled unchanged.

Metatoluylenediamine. — Shipments here were few and far between during the period under review, but the market noted a steady to firm price position.

Nitrobenzene. — Usual consumers continued to withdraw representative quantities during the week, and dealings were noting a decidedly firm tone.

Orthoanisidin. — Important developments were lacking in this direction, sellers reporting prices were steady and demand was irregular.

Orthocresol. — A good inquiry was reported in this market throughout the week. Quotations were without change.

Paratoluidin. — Regular buyers were supplying a good demand here at times, and prices were termed steady to firm.

Phthalic Anhydride. — A broad buying movement continued to be noted here, usual consumers supplied the intrest. Prices were well maintained.

Schaeffer's Salt. — Despite the dull character of the call, sellers reported prices appeared steady to firm.

Toluidin. — New developments were lacking in this market, prices were unchanged and demand was spotty.

Xylidin. — A firm tone governed the dealings in this market. Buying was highly irregular.

Coaltar Colors

The market for coaltar colors continued quiet during the week just closed. Manufacturing consumers continued to follow the practice of remaining aloof from the dealings unless needs became imperative. Prices generally were steady to firm. Reports from the cotton cloth industry continued to tell of the high level of activity, with a good backlog of orders on the books. Imports of coaltar dyes into Chile in 1935 increased 190 metric tons from 160 metric tons during the preceding year. Shipments in 1935 originated chiefly in Germany, according to the commercial attache at Santiago. The 1935 imports of sulphur black by China from the United States amounted to 828 metric tons, compared with 953 metric tons in the preceding year.

Bulk Package Group Discusses Drums

(Continued from page 28)

wide variety in the use of fiber drums. Things to be guarded against as contaminating agents are nails, particles of fiber, moisture, odor, glue, paper. The selection of a proper drum is important, and this can be achieved in conference with makers of such containers. The use of a suitable lining is an influence against damaging of the contents.

Brush Trade Rule Called Unfair

WASHINGTON, Mar. 23, 1937.

Only one witness appeared today at a hearing on proposed trade practice rules for the toilet brush manufacturing industry, and the trade practice division of the Federal Trade Commission will hold an additional hearing at Atlantic City, April 9. Today's witness was James W. Bevans, attorney for the I. Sekine Company, Baltimore, who charged that rule number 2 is discriminatory and was included as an attempt to prevent the marketing of Japanese toothbrush handles. He interpreted this rule as meaning that a brush could not be stamped as being manufactured in the United States unless wholly manufactured in this country. He declared that leading manufacturers import either handles or bristles and that it would be unfair to force his company to stamp its brushes to show that the handles were made in Japan.

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Koppers designs and builds machinery, equipment and complete plants. It supplies roofing, waterproofing, dampproofing, paints and other materials for plant construction and maintenance. It produces and markets coal and coke. It has made revolutionary improvements in piston rings and is the only manufacturer of Fast's self-aligning Couplings. It makes water and gas valves, fire hydrants, tanks, pipe, plate work. It operates shipyards.

Let us send you information about any of these types of Koppers services which would fit into your work.

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Packaging Progress Is Shown at A.M.A. Exhibit

Developments and Modern Trends Discussed by Experts In Wide Field

Progress made during the past year in the packaging of consumer and industrial products was exhibited and fully discussed at the Seventh Annual Packaging Exposition, held under the sponsorship of the American Management Association, March 23 through 26, at the Hotel Pennsylvania, this city.

Conferences taken up with discussions of interest in the consumer package production field were held during the first three days, while an exposition containing some seventy displays of the important advances made in the packaging, packing, and shipping industries was open four days. Reports of the conferences on bulk packaging of industrial materials is given elsewhere in the REPORTER.

The conference opened Tuesday morning. A description of the procedure in redesigning an old established package was given by Gustav B. Jensen, designer, New York, and A. C. Michener, advertising manager of John Morrell & Co., meat packers, whose package was modernized. The reasons for adopting the colors and the style of lettering, and using certain statements on the label, together with the commercial aspects of the changes, were discussed in detail.

At a luncheon session held Tuesday, presentation of the Irwin D. Wolf Award Trophy was made to Louis K. Liggett, president of the United Drug Company, for the company's Adrienne family group of cosmetic packages. Mr. Wolf, speaking on the "Influences of Recent Legislation on Packaging Trends," said that if the manufacturer expects to stabilize his prices and generally give the retailer an opportunity to operate on a fair profit markup, he will no doubt have to package his product so that the consumer will have the confidence and courage to buy. Herein will lie the opportunity for the self-selling package which is one carrying a message to the public explaining the qualities and value of the product. The manufacturer of a standard advertised brand should be expected to do a better job of packaging, advertising and selling to place his product close to the consumer.

The possibility of private brands development since validation of fair trade legislation was also mentioned by Mr. Wolf. In this respect he said:—

In the drug and cosmetics industry, because of a larger margin of profit, there is little better opportunity for an equally attractive package for the private brand. The owners of the nationally advertised brands, however, may still find it possible to spend a great deal more money on the development of attractive packaging than may the average private brand owner.

Regardless of price fixing, customers today have clearly demonstrated a marked preference for well-designed, attractive packages. It is immaterial whether the retailer or the manufacturer has contributed or will contribute most to this development. The package is an aid to selling in either case, and should not be accepted as a dress-up for inferior quality merchandise.

The future of plastics packages was discussed Wednesday forenoon by Benjamin F. Conner, manager of the plastics division of Colt's Patent Fire Arms Manufacturing Company. He described both the best application of plastics to present day packaging problems and the undeveloped field for these materials.

Other discussions on Wednesday included the results of recent studies on materials for special needs, by A. V. Shannon, of the Riegel Paper Corporation; the use of semi-rigid transparent materials in modern packaging, by D. S. Hopping, of the Celluloid Corporation; packaging for women customers, by Lita Bane, of the University of Illinois; and the hazards of some current packaging ideas, by Egmont Arens, a New York designer.

Mr. Arens stated that the use of "family" packages has the disadvantage of destroying individuality of separate packages. He added that family design necessitates diligent hunting to insure choosing the right product. To guard against this he advised the subordination of the trade name in favor of the name of the contents and the use of clear type on labels of family packages to avoid confusion.

Thursday sessions included a discussion of container closures. Wire stitching, gum tape, and silicate of soda were discussed from the viewpoint of their adaptability to different conditions. James G. Vail, of the Philadelphia Quartz Company, describing the advantages of silicate of soda, stated that an advance had been made by combining this substance with clays, resulting in a shortening of the time required for the silicate of soda to set after beng applied, and so hastening production.

Adhesives, and the conditions to be avoided to insure trouble-free gluing, was also discussed Thursday morning, by Frank Greenwald, vice-president of the National Adhesives Corporation. He deplored "home made concoctions" in which a prepared glue is modified by minor production men. These adulterations may respond perfectly during production, he said, but may also result in failures once out in the field. If trouble was occurring with glue, he advocated calling in a competent adhesive manufacturer, whose research staff was trained to cope with these problems. He also said that careful check should be kept on materials being glued, for a slight change in paper grade or type may necessitate a change of glue. He urged that manufacturers base their purchase of glue on results rather than on the price of the glue itself.

Among the exhibitors having booths in the exposition were the following manufacturers of containers and packaging equipment:—

American Coating Mills, Inc., Elkhart, Ind., presented an exhibit of the lithographed cartons for consumer retailing and display purposes manufactured by this company. The display included innumerable samples of folding cartons used by many nationally known manufacturers and a number of large display dummies, all of clay-coated boxboard.

Amsco Packaging Machinery, Inc., New York, demonstrated machinery for filling, wrapping, sealing and for making envelopes or bags from roll paper of cellophane stock. A Miller wrapping and sealing machine on display was said to be capable of wrapping, at a good speed, packages of both conventional and unusual shapes with waxed paper, cellophane, foil or kindred material. Also shown was equipment which, from roll stock of tissue and cellophane, produced standard sized wrapping sheets of cellophane backed paper or foil.

The Arabol Manufacturing Company, New York, illustrated the wide variety of adhesive materials produced by it by displaying a large assortment of packages of all types, such as labeled bottles and cans, and cartons and shipping cases.

Armstrong Cork Company, Lancaster, Pa., prepared a display of the possibilities of the use of molding plastics in the manufacture of caps and closures. Examples of richly colored metal and cork closures were also shown. Striking packaging effects were easily visualized in the collection of brightly colored, smartly designed caps in the exhibit.

Associated Cooperage Industries of America, St. Louis, displayed a number of barrels and kegs of wood. A motion picture showed the process of wood barrel manufacture from tree to finished container, and the advantages of the wooden barrel. Tight barrels, slack barrels, kegs and charred barrels were on exhibit.

Auto Clench Company, New York, exhibited equipment for sealing corrugated cartons by means of metal stitches. A new machine shown was capable of rapidly driving from one to five properly placed stitches at each stroke, at a speed of more than one stroke per second. This machine can be used to not only stitch the bottom of the container, but may also be used to fasten the top of the carton.

Charles Beck Machine Company, Philadelphia, demonstrated the Beck automatic sheet cutting machine, which accurately cuts to uniform lengths all kinds of paper or wrapping materials and then removes the curl from the sheets and stacks them into a neat pile.

B. H. Bunn Company, Chicago, demonstrated equipment for tying packages. Machines of several speeds were shown which circled the package with as many strands of twine as desired and then knotted the ends to give a neatly tied package.

Celluloid Corporation, Newark, N. J., exhibited a number of packages of stiff celluloid construction, cellophane material, and combinations of the two. Samples of cellophane wrapped articles from a wide variety of industries were displayed.

Cleveland Container Company, Cleveland, presented a collection of sample containers manufactured for established firms. Included in the collection were plain and lithographed metal containers, cardboard containers and combination metal ended, paper sided containers. One portion of the exhibit also held an assortment of adhesives for use in packaging procedure.

Container Corporation of America, Chicago, had the largest display space at the show. The exhibit was a combination educational portrayal of paper manufacture and the commercial display of cartons made by the company. The background of the display consisted of a mural depicting by light the process of paper manufacture through its various stages. On booth were set up several pieces of laboratory apparatus used in the quality control of the company's products. At each end of the booth was a display of containers. Among these were to be found paperboard, fiber and corrugated shipping containers, folding cartons, fiber cans and packing materials. Many of the containers were attractively decorated, graphically illustrating the present trend toward utilizing shipping carton panels for advertising purposes.

Dexter Folding Company, New York. Several units employed in the stitching and assembling of boxes and shipping containers, attaching articles to cards and kindred operations were displayed at this booth. Metal stitched containers used for shipping a variety of products were also shown.

E. I. du Pont de Nemours & Co., Wilmington, presented a dramatized package style show of the outstanding examples of cellophane wrapped packages developed since the last exhibition.

J. L. Ferguson Company, Joliet, Ill., presented a motion picture showing the operation of the packaging machinery which they produce. Among the units pictured were a gravity net weight filling machine for free-flowing material, an auger filling unit for packing powdered products, and a machine which automatically bottom seals the carton, fills it with dry material, top seals the carton, and discharges the completed package.

General Plastics, Inc., North Tonawanda, N. Y., featured in their exhibit unusual packages and packaging accessories manufactured from the company's synthetic molding compound, Durez. Items on display included cream jars, powder boxes, chemical jar closures, razor blade boxes and display accessories.

The Fred Goat Company, Brooklyn, N. Y., demonstrated a finished package scale which automatically segregated filled packages into three classes: those which were incompletely filled, and therefore underweight; those which were correctly filled, and those which were over-filled and overweight.

Hercules Powder Company, Wilmington, presented a "Punch and Judy" show dramatizing the advantages of lacquer coated papers in the manufacture of packages. The waterproof and grease resistant qualities of this coated paper were shown in a hilarious grocery store skit.

The Hinde & Dauch Paper Company, Sandusky, Ohio, displayed the latest developments in the design and manufacture of corrugated shipping containers and display stands attractively printed or decorated to create consumer interest. Samples shown of cartons before and after redesigning demonstrated the improvement possible by having competent designers modernize a container.

E. P. Lawson Company, New York, displayed machines for stitching corrugated board in the construction of shipping containers, and the reinforcement of all types of corrugated and fiber containers.

Marsh Stencil Machine Company, Belleville, Ill., displayed shipping room addressing necessities. The exhibit included a stencil cutting machine, fountain brushes for use with stencils, a felt tip marker with an ink reservoir in the handle for free hand addressing of shipments, and a variety of inks for use with these utensils.

Robert Minkow Machine Company, New York, exhibited a wire stitcher for sealing cartons and joining box corners, and gluing machines for applying adhesive to sheet material of all kinds.

National Adhesives Corporation, New York, displayed the products of companies using Mikah adhesives to fasten labels to their products or other packaging procedures. The large number of products exhibited, with their many different requirements as to adhesive silently told their own story as to the variety of glues which this company produces.

National Metal Edge Box Company, Philadelphia, demonstrated several machines for edging cartons. Samples of cartons edged in this manner were on display.

New Jersey Machine Corporation, Hoboken, N. J., operated labeling and gumming machines at this exhibit. The labeling unit, a Pony Labelrite, showed speed, versatility, precision, and cleanliness in operation. An automatic conveyor type and a manually fed machine were displayed. The table gummer, which was noiseless in operation, was of a six-inch capacity. Demonstrations were made in labeling bottles of varied shapes, as found in the drug, chemical, cosmetic, and liquor fields.

Owens-Illinois Glass Company, Toledo, Ohio, displayed glass and metal containers manufactured by the various divisions of the company. Glass was used in the booth wherever possible, glass construction blocks playing an important part in its structure. The containers on display were representative of the many attractive packages possible in glass and metal.

Package Machinery Company, Springfield, Mass., displayed a new constant motion carton wrapping machine adjusted for cellophane wrapping candy packages. An assortment of the packages this machine can wrap was included in the exhibit to show its versatility.

Peters Machinery Company, Chicago, exhibited a machine which automatically, from the punched blank, forms a carton, lines it, and places it on the conveyor belt to the filling machine. The carton chosen for demonstration was a one-pound lard carton. Cartons of the many types of a table in the front-central part of the products utilizing the machine were also shown.

Pneumatic Scale Corporation, Quincy, Mass., displayed an extensive collection of jars, bottles, cans, and other containers which showed the special problems encountered, and overcome in package machinery designs. A four vane, net weight, gravity filling machine for free-flowing materials was in operation at the booth.

Reynolds Metal Company, New York, spotlighted foil wrappings to prevent product deterioration due to light, atmospheric, or climatic conditions. A model laboratory demonstrated the protective features of Reynolds metal. Samples illustrating the application of these materials were displayed. Special demonstration was given of the use of this foil wrapping as a liner for tin, wood, and fiber containers of large size.

Riegel Paper Corporation, New York, presented a display of consumer packages produced from their stock. Included in the exhibit were all-paper packages suitable for moist articles, such as tobaccos and peanut butter. Also shown was Avenex, a anti-oxygenetic for retarding rancid tendencies of animal and vegetable fats and oils. It was said to be applicable to papers through sizing or wax emulsion.

F. J. Stokes Machine Company, Philadelphia, stressed the advantage of "fat-filling" tubes in their display. Samples of tubes filled in the conventional manner and those "fat-filled" were shown. Using the new filling principle, it is possible to use a shorter length tube or increase the material content by as much as ten percent. Also featured was the Westite Hermetic closure for the bottom seal of collapsible tubes. Seepage difficulties are said to be eliminated by the use of this patented seal, and a closure obtained which is stronger than the walls of the tube itself.

Stokes & Smith Company, Philadelphia, demonstrated a newly developed net weight filling machine for articles up to two inches in size. Material is fed to the hopper of the machine in a constant stream. From the supply hopper the material is fed, by way of a revolving disc, to the scale bucket. When the scale bucket contains the weight desired, flow of the material is cut off electrically, and the bucket outlet tripped. Filling is said to be exceptionally accurate and the design makes necessary a minimum handling of material. The machine may be used to weigh off amounts from four ounces up to the capacity of the 160 cubic inch scale bucket. Samples of packaged materials were shown in conjunction with the unit.

Sylvania Industrial Corporation, New York, presented a collection of drug, tobacco, and food products wrapped in Sylphrap, the Sylvania cellophane. Examples of the self-sealing bottle and jar capping and banding material Sylphseal were also shown.

Triangle Package Machinery Company, Chicago, displayed an automatic, conveyor-fed filling machine for the packaging of materials such as crystals, granules, or powders which are free-flowing into rigid cans, cartons, or bottles. Samples of packages the machine is capable of handling were included in the exhibit.

U. S. Automatic Box Machinery Company, Boston, Mass., demonstrated two packaging machines at their booth. A National net weight filling machine was shown operating with a free flowing material, and a gross weight, auger filler was shown packaging a fine powder. Sample packages from manufacturers using National equipment were also displayed. Literature describing the very complete line of packaging machinery made by this company was distributed.

Wilson & Bennett Manufacturing Company, Chicago, featured the eye appeal of attractively colored shipping containers in their exhibit. Steel barrels, drums, and pails, for all sorts of materials, brightly lithographed with the trade marks of well-known manufacturers, were displayed. The new E-Z seal barrel, having a detachable head which is easily removed, yet positive in closure, was included in the exhibit.

Trade News Briefs

Retail selling at manufacturing plants or wholesale houses would be prohibited, except with respect to foods, by the terms of a bill introduced in New York legislature by Senator A. Spencer Feld.

Loofa cultivation is being tried out in Hungary with a view, not only of getting the fibrous skeleton of the loofa gourd for use as a sponge and otherwise, but also of producing from the seeds an oil to be used as a soapstock.

Victor Champion, who retired some weeks ago as president of the Eastern Cotton Oil Corporation, a subsidiary of the Davison Chemical Corporation, Baltimore, has been made manager of zone 4 of the National Fertilizer Association.

Cosmetics tax has been recommended in Great Britain by a select committee of the House of Commons. The committee would have the tax apply to all cosmetics "advertised as remedial" and suggests consideration of a tax on all cosmetics.

Dyestuffs and Textile And Leather Chemicals

Sharp Advance in Corn Derivatives—Antimoy Salt Raised—Wattle Bark Higher—Egg Products Strong—Dyestuffs Continue Quiet —Bichromates in Fair Demand—Zinc Dust Unchanged

Business in the market for dyestuffs and tanstuffs was highly irregular during the week just closed. The textile and tanning industries continued to gauge purchases by actual production requirements, bring about some rather dull period in the trading. Changes in the market included an advance in corn derivatives, antimony salt and wattle bark.

Advance in prices for corn derivatives came about as a result of a sharp increase in price for the basic material, corn having reached a new 10-year high price Thursday. Brisk demand for corn, together with a report that hog and cattle prices will be higher this Summer, provided the corn market with the impetus sufficient to push the price to the new high level. Egg products continued to move out at a fairly good pace, the firm price tone being brought about the reports of high costs at the primary market. Advance in antimony salt could be traced to high production costs. The call for bichromates continued good. There was little to report in the market for alumina chloride. Dyestuffs were spotty. Wattle bark demand was good, bringing about a higher price. Tanning materials otherwise were quiet. Zinc dust was unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony salt, 1¼c. per lb.
Dextrin, corn, 10c. per 100 lbs.
Starch, corn, 10c. per 100 lbs.
Wattle bark, $1 per ton.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.0	152.9	152.6	152.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Demand in the market for this product continued fair during the week. Prices remained steady.

Antimony Salt.—Prices were slightly higher here, sellers were quoting 5 barrels and over, 23¾c. per pound; 1 to 4 barrels, 24c. per pound. On smaller containers than barrels, prices range up to 27c. per pound in 50-pound lots. Prices are f.o.b. works.

Potash Bichromate.—Demand continued fair throughout the week. No change was uncovered in quotations.

Potash Prussiate.—There was a fairly active demand noted for red prussiate, quotations remained unchanged. The call for yellow prussiate held up favorably. Quotations held steady.

Soda Bichromate.—Conditions were unchanged in this market, demand moving along at a good pace. A firm tone was in prominence.

Zinc Dust.—A steady to firm tone continued here, for the basic metal displayed a similar tone.

Dyestuffs

Annatto.—The market for paste and seed annatto continued spotty throughout the week. No change was uncovered in quotations.

Archil.—Shipments were moving out in conservative fashion during the week. Sellers reported quotations displayed a firm tone, for the statistical position of the market favored such a tone.

Cochineal.—This market offered little change during the course of the week under review, jobbing quantities continued to make up the call. Prices ruled firm at previous levels.

Fustic.—The textile industry continued to purchase supplies in a manner indicative of the continuance of a hand-to-mouth buying policy, but sellers reported prices were firm at previous levels.

Indigo.—The market for synthetic indigo continued to experience a fair demand throughout the period under review. A steady to firm tone prevailed There was little to report in the market for natural indigo. Consumers were purchasing small quantities, but a firm tone governed the dealings.

Logwood.—This market was much the same as in the preceding period, routine consumers were holding to a conservative buying policy and prices held unchanged.

Madder, Dutch.—Demand here continued dull, but the fact that buying was slow failed to have influence on the market pricewise, for the limited amount of material on hand gave the market a decidedly firm appearance.

Sizing Materials

Albumen.—A firm tone continued in the market for edible egg albumen during the week just ended. Firmness in the price tone could be attributed to the presence of a similar tone in the primary market, together with a good local demand. The market for blood albumen continued to note a fair demand.

Dextrin.—An advance of 10c. per 100 pounds was noted in the corn derivatives during the week just closed. Rise in prices could be traced to the high production costs, for the basic material reached a 10-year high in value.

Egg Yolk.—This market continued to experience a broad demand throughout the week under survey, sellers reporting that prices were firm, for reports from the primary market continued to tell of the firmness in the price structure.

Frozen Eggs.—The market on the New York Produce Exchange remained dull. March whole mixed futures closed on Thursday at 18.80c. to 19.50c.; April, 19.00c. to 19.85c.; May, 20.00c., now.

Starch.—An advance of 10c. per 100 pounds was noted in prices for corn derivatives. Corn moved forward 3⅛c. per bushel to a new high record for a ten-year period. Impetus to the upward movement was an official forecast of higher prices for hogs and cattle this Summer, together with a brisk demand for corn available to be used without delay.

Tanning Materials

Divi-Divi. — This situation showed little little change during the week, demand was dull and prices were nominal.

Gambier.—The market for common gambier continued to experience a fair inquiry, and prices were strictly nominal. The call for plantation gambier and Singapore cubes was quiet. A steady to firm tone was noted.

Mangrove Bark.—No change was uncovered in this direction, demand was highly irregular and prices were about the same as in the preceding week.

Myrobalans. — Irregularity was reported in the buying again last week, sellers quoting the market for J1 material at $26.50 per ton. Other sorts were quiet.

Quebracho.—This market continued to experience a fair demand at times during the week. Sellers reported prices were steady to firm at the levels in effect since October 1, 1936.

Spruce.—Although the market was a rather quiet affair, sellers reported quotations were firm.

Valonia.—The market for beards continued quiet, sellers were naming a nominal quotation of $48.50 per ton. Demand for cups was fair.

Wattle Bark.—A strong tone was reported here, sellers were quoting East African at $34.50 and South African at $35.25 per ton.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Paint Federation Names Its Committee Chairmen

The Federation of Paint and Varnish Production Clubs has appointed the following committee chairmen of the organization for the current year:—

Executive, H. M. Chamberlin, Lowe Bros. Co., Toronto.
Advisory, V. C. Bidlack, McCloskey Varnish Company, Philadelphia.
American Paint Journal award, E. W. Boughton, R. T. Vanderbilt Company, New York.
By-laws, K. J. Howe, Thibaut & Walker Co., New York.
Cost accounting, J. O. Kaser, Glidden Company, Cleveland.
Golf, D. T. Smith, Canadian Industries, Ltd., Toronto.
Membership, J. A. Frederickson, John W. Masury & Son, New York.
Memorial, W. P. Werner, Pecora Paint Company, Philadelphia.
Nominating, R. C. Stark, Pratt & Lambert, Inc., Buffalo.
Paint Show, to be appointed when location of national convention has been determined.
Plant managers, E. V. Ladd, Densol Paint Company, Cleveland.
Program, R. J. Smith, Indianapolis Paint & Color Company, Indianapolis.
Publicity, A. E. Stauderman, Devoe & Raynolds Company, Louisville.
Scholarship, K. J. Howe, Thibaut & Walker Co., New York.
Southern Federation Associates, E. L. Gott, Gilman Paint & Varnish Company, Chattanooga.
Technical advisory, E. A. Stoppel, Valentine & Co., New York.
Federation representatives on National Paint, Varnish and Lacquer Association committee:—Scientific section, R. H. Everett, Keystone Varnish Company, New York; industrial sales steering, R. B. Anderson, Brooklyn Varnish Company, New York; individual club program, R. C. Stark, Pratt & Lambert, Inc., Buffalo.

Paint Toxicity Bill Passes N.Y. Senate

ALBANY, Mar. 23, 1937.

The senate has passed and sent to the assembly the McElroy bill (S. P. No. 1635) designed to amend the labor law with a provision requiring the disclosure on the labels of paints and paint materials the presence of any toxic substance in the article.

Oilseeds Statistics by Census Bureau Urged

WASHINGTON, Mar. 24, 1937.

Statistics on crushing and distribution of oilseeds and oilseed products would be compiled and published monthly by the Bureau of the Census under the terms of a bill (H.R. 5813) introduced in the house by Representative Hampton P. Fulmer of South Carolina.

The bill provides for publication of information on soybeans, peanuts, flaxseed, corn germs, copra, sesame seed, hempseed, babassu kernels and nuts, rapeseed, and other oilseeds, nuts, and kernels. The statistics would include figures on the quantities received at oil mills, quantities crushed, amount of oilcake and oilmeal produced, quantities of such products shipped out, quantities of oilseeds held at mills, and production, shipments, and stocks of vegetable shortening and lard compound produced and the quantities of the several oils and fats used in their production.

An appropriation of $10,000 is authorized for administration of the project. Failure to furnish information requested by the census bureau for use in compiling the statistics is made a misdemeanor and punishable by a fine of not more than $1,000.

Housing Act Provision For Painting to Expire

WASHINGTON, Mar. 25, 1937.

Title I of the federal housing act, which provides government guaranties of bank loans for modernization and repair of residences and commercial buildings is due to expire April 1.

Congressional committees have declined to consider the many bills which have been introduced to extend this title for another year or two, because the Federal Housing Administration has refrained from endorsing such legislation. The original two-year period of this title expired last April, but the law was extended for another year at the request of banks and building interests. Many building interests are still anxious for continuation of the loan guaranty, but the FHA takes the position that title I has served its purpose and that there is now ample private credit available to finance modernization and repair of buildings. Termination of title I will not affect title II of the act, under which the FHA insures long-term amortized mortgages on residences.

N.W.D.A. Committees Completed by Lanigan

Leo A. Lannigan, president of the National Association of Wholesale Druggists, has appointed the 1937 committees of the association. The chairmen of the various committees are as follows:—

Entertainment—DeSales Harrison, Coca-Cola Company, Atlanta.
Accounting and statistics—Charles D. Doerr, McKesson & Robbins, Inc., St. Paul.
Credits and collections—Lee Wilson Hutchins, Hazeltine & Perkins Drug Company, Grand Rapids, Mich.
Research and relations—Joseph G. Noh, McKesson & Robbins, Inc., Merrell Division, St. Louis.
Welfare problems—Carl H. Gertridge, McKesson & Robbins, Inc., Stewart-Holmes Division, Seattle, Wash.
Insurance — Kayton Smith, Columbia Drug Company, Savannah.
Legislation—William J. Mooney, jr., Mooney-Mueller-Ward Company, Indianapolis.
Local associations—Charles A. Loring, Gilman Brothers, Inc., Boston.
Active membership—Jesse W. Wynne, McKesson & Robbins, Inc., Memphis.
Associate membership—John C. Davis, Davis Brothers Drug Company, Denver.
Memorials—Harry J. Schnell, Oil, Paint and Drug Reporter, New York.
Proprietary goods—Warner James, Town & James, Inc., Brooklyn.
Selling methods—J. Mahlon Buck, Smith, Kline & French, Inc., Philadelphia.
Rates and routes—Robert B. Magnus, Magnus, Mabee & Reynard, Inc., New York.
Special lines—W. F. Terry, jr., McKesson & Robbins, Inc., San Francisco.
Manufacturers—Walter J. Quinlan, International Cellucotton Products Co., Chicago.

P. P. G. and Corning Form Construction Glass Company

The Pittsburgh Plate Glass Company and the Corning Glass Works have formed the Pittsburgh-Corning Corporation to specialize in the manufacture of glass for the building industries, it is reported by Harry S. Wherrett, president of the Pittsburgh company, and Amory Houghton, head of the Corning company. Mr. Wherrett is head of the new company, while Mr. Houghton is chairman of the board of directors. It is stated that the joining of interests of the two companies applies only to the manufacture and distribution of glass for the building field, and does not represent a merger in any way.

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Paint, Varnish, Lacquer Materials

Aluminum Powder and Paste Prices Up—All Congo Gums Advanced Sharply—Lead Eases Further—Oxides Unchanged —Naval Stores Lower

A new and higher price schedule for aluminum bronze powders was issued Monday by the producers following an earlier advance in the metal. Aluminum pastes joined in the rise which was the first general revision of prices for these products in some months. The most sensational development in the market last week was a sharp and sweeping advance in replacement market prices for Congo gums. Cable quotations from Antwerp jumped up sharply early last week, embracing every grading in the Congo list.

The color market was the center of considerable activity as price advances were slated to take place Thursday in reduced Indian red, domestic yellow ocher, Venetian red, burnt sienna, metallic brown and Persian Gulf red oxide. Contract prices for synthetic iron oxides were not likely to change before July, although the spot prices might be marked up sooner. Carbon black was another commodity that presented the possibility of price enhancement in the middle of the year. Lamp black was considered quite strong at this time and talk of higher prices was heard for the first time since the black from California made its bow in the market several months ago.

As mentioned previously, lead titanate will advance on Thursday. Pig lead continued to ease last week but only one seller reduced the price and the decline was a small one and insufficient to move the card prices for lead oxides. Car lot prices for dry red lead and litharge moved down automatically with the basic metal, but the card prices for these products and orange mineral remained at the levels established on March 17.

It was reported in raw materials' market circles that some paint manufacturers were preparing to revise prices on first-grade paints April 1, but some of the big houses with national distribution have not given any indication of a disposition to change their present prices.

Rosin and turpentine prices had a downward trend at times in Southern markets as offerings were freer. It was reported that government-owned turpentine was being freely offered at concessions in prices and this was said to account in some measure for the increased offerings from other holders. Receipts in primary markets continued light.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aluminum paste, powd., 1c. per lb.
Gum, copal, Congo, all grades, 8c. to 2c. per lb.
Thus, $1 per 280 lbs.
Zinc oxide, import., 1¼c. to 1½c. per lb.

Reduced

Gum, dammar, Batavia, A/D, ½c. per lb.
Elemi, ½c. per lb.
Rosin, 25c. to $1.25 per 280 lbs.
Rosin oil, 3c. per gal.
Turpentine, gum, ½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
137.4	137.4	133.9	130.0

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The lead market continued to ease last week, but the decline in price was small—only $1 per ton—and was effected by only one seller. This reduction took place Tuesday when one supplier posted 6.95c. per pound at New York and 6.80c. per pound at East St. Louis. Another supplier held to 7.05c. at New York and 6.85c. per pound at East St. Louis. Purchasing of the metal was light and not much activity had been expected until the producers open books for May position which was scheduled to take place today or tomorrow. The behavior of the London market was more or less serene as compared with its wild fluctuations of recent weeks.

Some zinc was said to have been sold at higher than market prices last week. The quotations were unchanged at 7.50c. per pound at East St. Louis. Galvanizers continued to buy in perfunctory fashion but the consumption of zinc in the galvanizing industry was believed to be large at this time. Buyers were evidently covered for their nearby wants, having purchased heavily on the market's rise of a few weeks ago.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from March 20 to March 26, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0700@.0705	$0.0685@.....	.. .. ..
Monday	.0700@.0705	.0685@.....	30 8 9
Tuesday	.0695@.0705	.0680@.0685	31 5 0
W'dn'sday	.0695@.0705	.0680@.0685	31 18 9
Thursday	.0695@.0705	.0680@.0685	31 15 0
Friday	.0695@.0705	.0680@.0685	* .. .. ..

* Closed.

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from March 20 to March 26, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0785	$0.0750	.. .. ..
Monday	.0785	.0750	30 7 6
Tuesday	.0785	.0750	31 17 6
Wednesday	.0785	.0750	33 8 9
Thursday	.0785	.0750	33 11 3
Friday	.0785	.0750	* .. .. ..

* Closed.

Pigments

Metallic lead prices underwent further ease last week but the extent of the decline was narrow. The shift in prices affected only the car lot prices for dry red lead and litharge which move automatically with each price change in the metal. The card prices for oxides were unchanged at the levels established March 17. White lead was also unchanged. As reported here previously, prices for lead titanate will be advanced Thursday.

White Lead.—The reactionary course of metal prices over the past two weeks has not affected the position of this derivative since the latest rise which established the market at the basis of 9c. per pound for basic carbonate and 8½c. per pound for basic sulphate. Purchasing was light and should continue so until consumption absorbs the heavy supplies purchased on the market's rise of a few weeks ago.

Red Lead.—Prices for car lot quantities moved off 0.5c. per pound, Tuesday, when the basic metal price was reduced by a leading seller. The current car lot prices were as follows:—95 percent or less Pb_3O_4, 9.45c. per pound; 97 percent guaranteed, 9.70c. per pound and 98 percent guaranteed 9.95c. per pound, and ¼c. per pound additional for all strengths delivered in Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and east of Cascade mountains in Ore. and Wash. Prices for 5-ton and smaller lots were unchanged at the levels established March 17.

Litharge.—The car lot prices moved down again last week when a leading seller of the basic metal reduced prices 0.5c. per pound. The reduction took place Tuesday, establishing the price at 8.70c. to 8.95 per pound, according to delivery point. The card prices for 5-ton lots and smaller quantities were unchanged at the levels established March 17.

Lithopone.—The market situation was unchanged from a week ago. This pigment is unique in the fact that it is one of the few pigments that has not

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Eagle SUBLIMED White Lead

is an extremely fine pigment that bulks high. Weight for weight—it yields more gallons of paint than does any other white lead.

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undergone recent price increase. As reported previously, the market has been strong statistically but there has been no change in selling prices.

Lead Titanate.—The price schedule will be advanced 2c. per pound, Thursday, establishing the market at 12c. per pound for carload quantities, f.o.b. works, freight allowed, and 12¼c. per pound for five-ton lots in one delivery. Smaller lots will be priced at 12½c. per pound.

Orange Mineral.—Further ease in the price of lead was insufficient to force a change in the prices for this derivative last week and prices remained at the schedule established March 17, which was as follows:—13c. per pound delivered in Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and West Cascades in Ore., and Wash.; 13½c. per pound delivered in Ariz., Idaho, Nev., Utah, and East of the Cascades: 13¼c. per pound delivered in Colo., Mont., N. Mex., and Wyo.; and 12¾c. per pound delivered elsewhere. The schedule for smaller than 5-ton lots was ½c. per pound higher than the 5-ton lot prices.

Titanium Pigments. — Although the prices for lead titanate will be raised Thursday, quotations for the barium and calcium compounds were not altered. Titanium dioxide also holds at a steady position. The demands continued heavy.

Zinc Oxide. — The prices established by the domestic producers March 15, were held firmly but the advance of that date was not extended. Holders of contracts were protected against the advance in the price until the end of this month. Buyers have been purchasing very heavily for stocks to cover on the price advantage. Importers' prices were higher and quotations were as follows: gold seal, 13c. to 14c. per pound out of warehouse; green seal, 10c. per pound, ex warehouse, and white seal, 11c. to 12½c. per pound, ex warehouse, according to quality and sellers.

Fillers and Extenders

Although the withdrawals against contracts were spotty because of the uncertainties of the labor situation, March business in inert pigments, fillers and extenders has been quite good. The manufacturers of surface coatings have been buying actively. Clays and other products used in the ceramic industry were slow during the week as the attention of ceramists was centered upon the annual convention of the ceramic industry in New York. There were no price changes reported during the week.

Barytes. — The market continued in a steady position and without price change as the demands from the regular channels of consumption held up with good activity.

China Clay. — There was little market interest to report last week as the attention of the trade was centered upon the ceramic industry convention. Prices for domestic clays have not been changed since the beginning of the year when higher prices went in force.

Pumice. — A steady receipt of orders and an unchanged price position for Italian and domestic ground material was reported by the sellers last week.

Talc. — Millers of the fibrous product have been doing a good business this season with the paint trade an active buying agency. There has been mention of higher prices in some quarters but the postings of sellers have not been changed.

Dry Colors

As reported here a week ago, prices for several earth colors will be advanced this week. The increases take place Thursday and include venetian red, burnt sienna, Persian Gulf red oxide, domestic yellow ocher, metallic brown, and reduced Indian red. Bone black, chrome yellow and greens, and chrome oxide have been advanced already. Lamp blacks were in a very strong position and may be raised soon. Synthetic iron oxides were unchanged but there was a possibility that contract prices for the second half of this year would be higher, and, perhaps spot prices might go up sooner.

Bone Black.—As reported previously, the market prices have been advanced 1c. per pound and the market for carload quantities now ranged from 6½c. per pound to 16c. per pound, according to the grade. The smaller quantity prices ranged from 7c. per pound to 16½c. per pound.

Carbon Black. — Current contract prices were protected against an advance in the market for the first half of the year. Increased labor costs and the general appreciation of commodity values may be an influencing factor toward higher selling levels when the prices for the final half of the year are considered. Black sales continued heavy and for the first two months of this year, aggregate sales of the industry were understood to have been well ahead of the corresponding period last year—one estimate placing the increase as more than 35 percent ahead.

Chrome Greens.—The schedule of prices for c.p. and reduced grades was now firmly intrenched at the advanced levels. The c.p. greens went up 1c. per pound and reduced grades advanced ¼c. per pound a week ago.

Chrome Green Oxide.—The price was firm at 21c. per pound, after having been advanced 1c. per pound March 15.

Chrome Yellow.—The market held at its newly established levels of 15½c. per pound on contract and 16½c. per pound on open order. Quotations were raised to this level March 15, an advance of 2½c. per pound.

Copper Phthalocyanin Blue.—As reported here last week, the price for this new blue underwent its initial price change and the maker here offered the article at $3.45 per pound for 100 pound lots, f.o.b. works, freight allowed.

Indian Red.—Quotations for 80-85 percent material will be advanced ¼c. per pound Thursday, establishing the price at 7¼c. per pound at New York, East St. Louis and Pennsylvania producing points.

Iron Oxides.—Contract prices for synthetic oxides will not advance until the second half of the year at least, but there was a possibility that spot prices might go up sooner.

Lamp Black.—Prices continued unchanged but were in a strong position and once more the market was featured by talk of a price rise, which has not been heard around the market since the introduction of black from California some months ago.

Metallic Brown.—Another of the scheduled price advances for April 1, was a rise slated for this article of $2 per ton or 1-10c. per pound. The current prices of 2c. per pound for car lots in bags and 2.15c. per pound for barrels, f.o.b. works, will be raised Thursday.

Ocher.—Also numbered among the advances reported here last week and slated to take effect Thursday were the domestic yellows. The advance will be ⅛c. per pound and represents the first change in price in some years.

Persian Gulf Oxide.—The price reduction of some weeks back will be neutralized Thursday by an advance of ¼c. per pound, which will make the basic price at producing points and in New York 4½c. per pound for l.c.l. quantities.

Sienna.—Burnt material will be advanced ¼c. per pound, effective Thursday. This movement in the market was reported here last week, but so far as could be learned there will be no advance in the prices for raw sienna.

Venetian Red.—As reported here a week ago, the market's first price advance in fourteen years will take place Thursday when an advance of ¼c. per pound was slated to become effective.

Varnish Gums

A sharp advance in prices embraced every grading in the Congo gum list last week. Replacement quotations from abroad were marked up sharply in last week's cables. Congo gums had not shown the price appreciation that was recently evidenced in some of the Far Eastern gums and the rise of the past week was one of the sharpest and most sweeping in some time. The price for elemi gum was off, marking the first

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movement in that article for some time. Batavia A/D dammar was also off.

Copal. — The new prices for straight or mixed cars of Congo gums, per pound, were as follows:—No. 1, 46c., up 2c.; 2, 28½c., up 1c.; 3, 20c., up 1⅛c.; 4, 18¼c., up 1½c.; 5, 15c. up ½c.; 6, 14c., up 1¾c., 7, 14¾c., up 1c.; 8, 12⅝c., up 1⅛c.; 9, 8¾c., up 1c.; 10, 10⅝c., up 1⅜c.; 11, 8c., up 1⅛c.; 12, 7¼c., up 1⅜c.; 13, 6¼c., up 1c.; 14, 19¾c., up 2c.; 15, 6⅞c., up ⅝c.; 16, 5¾c., up ½c.; 17, ¾c., up 1½c.; 18, 12⅜c., up 1⅜c.; 19, 11⅜c., up 1⅜c.; 20, 8c., up 1⅛c.; 21, 7⅛c., up 1⅛c.; 22, 6⅝c., up 1⅛c.; 23, 6¾c., up 1c.; 24, 14¾c., up 2c.; 25, 6⅝c., up 1⅛c.; 26, 6¼c., up ½c.; 27, 5¾c., up ⅝c., and No. 28, 4⅞c., up ⅜c. per pound. Usual differentials for smaller quantities prevailed.

Dammar. — The only change in the market last week was a decline in the price of Batavia A/D grading which was priced at 17⅝c. per pound for car lot quantities, with usual differentials for smaller quantities. The reduction amounted to ½c. per pound.

Elemi. — The first change in the market for some time took place last week when replacement prices were off ⅜c. per pound at the basis of 9⅜c. per pound.

Synthetic Resins

As reported previously, manufacturers of ester gum were taking business for delivery over the second quarter of the year at the prices that were in force currently. The basic price was 11½c. per pound. The demands have been light because of the high prices which have been occasioned by the cost prices of glycerin and rosin.

Naval Stores

Southern and local markets for rosin and turpentine were somewhat more active last week. In the case of primary markets some of the business closed was said to have been on private terms and the transactions, therefore, did not appear in the official records. In the local market much of the purchasing was limited to comparatively small or moderate quantities, but the volume of business closed during the period was said to have shown an increase over recent preceding weeks although consumers are usually inclined in many cases to hold aloof from the market on the eve of the Easter holidays. Savannah and Jacksonville remained closed March 27 in observance of Good Friday. Foreign markets were closed on that day as well as Saturday and they will also remain closed today.

The trend of quotations was downward in domestic markets at times. Offerings showed an increase as a result of reports that government holdings of turpentine were being disposed of more freely and at concessions though little of a definite character was available as to the prices at which such transactions were made. Reports were current to the effect that some business had been closed in rosin and turpentine futures, but particulars as to prices and deliveries were not divulged, and in the opinion of some, such reports were without foundation. There was a fair export inquiry for rosin.

Receipts in primary markets continued light. Marketing for the month was on a smaller scale than expected. Temperatures in parts of the South were still below normal for this season and there seemed to be no indications of an increase in the movement in the near future. In connection with next season's production, it is of interest to note that a committee of producers is in Washington in an effort to secure government loans on the output of turpentine. This committee was appointed at a recent meeting of producers who contend that turpentine farmers are eligible for a loan of this nature. Forty-five cents per gallon is regarded as a proper figure and this plan is suggested as being more desirable from the viewpoint of turpentine farmers than curtailment of production through the removal of cups from the trees.

According to consular advises from Prague, a good market exists for the sale of rosin in Czechoslovakia. A small quantity of rosin is produced and a few concerns manufacture synthetic resins, but the total output is insufficient to meet requirements. In 1936 Czechoslovakia imported 10,793 tons of rosin. Of this total 6,404 tons origi-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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nated in the United States; 2,096 tons in France and 1,400 tons in Portugal.

Turpentine.—Business in the local market was on a fair scale for this period of the year when consumers are generally disposed to limit their takings to small quantities to fill current needs. The movement of such lots for the week was reported in some quarters as slightly larger than in the previous week. The tone of the market was easier in company with developments in primary centers where the trend of prices was downward at times under freer offerings. Receipts were light and were expected to continue so until the new season gets under way.

CHICAGO, Mar. 26.—Turpentine business is a bit spotty at this time. Inquiry from buyers, both wholesale and retail, would indicate that there is a considerable potential buying power for a rather good amount of material, but the buyers remain in a conservative frame of mind, mostly. At the same time a fair amount of routine type business is being done. Ruling prices at the close of business last night were:—Five-drum lots, 49c. per gallon; five wood barrels, 54c.; single drums, 52c.; single barrels, 57c.

SAVANNAH, Mar. 26.—Receipts of turpentine were light. The market had a fairly steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday	38¾	65	47	30	20,107
Monday	38½	53	86	150	20,043
Tuesday	37¼	41	104	84	20,063
Wednesday	37½	18	68	145	19,986
Thursday	37½	32	50	248	19,788
*Friday	..	...	...	...	.....

* Holiday.

JACKSONVILLE, Mar. 26.—The turpentine market was quiet and easier. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday	38¼	26	76	5	37,583
Monday	38	...	57	...	37,640
Tuesday	38	...	82	68	37,654
Wednesday	37½	79	81	163	37,572
Thursday	37½	...	44	...	37,616
*Friday	..	...	...	...	.....

* Holiday.

PENSACOLA, Mar. 20.—The turpentine market was steady. Receipts were light. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	15	497	18,273
Tuesday	49	385	17,937
Wednesday	29	284	17,682
Thursday	..	264	17,418
Friday	9	446	16,981
Saturday	..	232	16,749

LONDON, Mar. 26.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	40	3
Monday	40	3
Tuesday	40	3
Wednesday	39	9
Thursday	39	0
*Friday	..	..

* Holiday.

Stocks of American turpentine in London were:—

	March 26.	Previous week.	Last year.
Barrels	21,078	22,185	8,005

Rosin. — Quotations had a downward trend at times in Southern markets and the tone here was easier. The course of prices in primary centers was attributed by some to increased offerings as a result of reports to the effect that government-owned turpentine was being freely offered. Also the approach of the new naval stores season seemed to have an influence upon sentiment in Southern circles. Business here was generally limited to comparatively small or moderate quantities, the movement of such lots being fair. Marketing in the South continued light.

SAVANNAH, Mar. 26.—Rosin offerings were freer and the market had an easier undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted Sat.	Mon.	Tues.	Wed.	Thurs.	*Fri.
B	$8.15	$8.15	$8.00	$7.90	$7.50	...
D	8.45	8.45	8.25	8.15	7.75	...
E	8.90	8.90	8.50	8.40	8.05	...
F	9.32½	9.32½	9.00	8.95	8.75	...
G	9.47½	9.47½	9.02½	9.00	8.75	...
H	9.55	9.55	9.02½	9.00	8.75	...
I	9.55	9.55	9.02½	9.00	8.75	...
K	9.60	9.60	9.02½	9.00	8.75	...
M	9.62½	9.62½	9.05	9.00	8.75	...
N	9.65	9.65	9.15	9.00	8.80	...
WG	9.80	9.80	9.80	9.10	8.80	...
WW	10.75	10.75	10.75	10.75	8.75	...
X	10.75	10.75	10.75	10.75	9.75	...
Sales	342	...	959	282	1,507	...
Receipts	641	667	776	374	654	...
Shipments	378	366	1,450	1,217	2,203	...
Stocks	47,499	47,800	47,126	46,283	44,644	...

* Holiday.

JACKSONVILLE, Mar. 26.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted Sat.	Mon.	Tues.	Wed.	Thurs.	*Fri.
B	$8.15	$8.15	$8.15	$7.50	$7.10	...
D	8.45	8.45	8.45	7.75	7.60	...
E	8.90	8.90	8.90	8.00	7.75	...
F	9.30	9.30	9.30	8.75	8.30	...
G	9.47½	9.47½	9.47½	8.75	8.30	...
H	9.52½	9.52½	9.52½	8.75	8.30	...
I	9.52½	9.52½	9.52½	8.75	8.30	...
K	9.55	9.55	9.55	8.75	8.30	...
M	9.55	9.55	9.55	8.75	8.30	...
N	9.65	9.65	9.65	8.75	8.30	...
WG	9.80	9.80	9.80	8.80	8.35	...
WW	11.00	11.00	11.00	9.75	9.10	...
X	11.00	11.00	11.00	9.75	9.10	...
Sales	156	...	...	1,235	938	...
Receipts	499	613	663	265	311	...
Shipments	...	610	83	116	70	...
Stocks	44,277	44,280	44,800	45,009	45,250	...

* Holiday.

PENSACOLA, Mar. 20.—The rosin market remained quiet. Receipts were moderate. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	48	168	123	49	27	36
Shipments	...	...	...	...	...	175
Stocks	16,951	17,119	17,242	17,291	17,318	17,179

CHICAGO, Mar. 26.—It is a generally dull market in the naval stores situation, and this is having some slightly noted effect of taking the edge off the market tone, and easing prices in the rosin market. Statistics and the goverment market position and policy are questions that continue to hold much interest for the trade as a whole. Buying is reported limited. Ruling prices at the close of business last night were:—B grade, $11.20 per lot of 280 pounds; G grade, $12.50; M grade, $12.55; W.W. grade, $14.

LONDON, Mar. 26.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	23	1½	26	3
Monday	23	1½	26	3
Tuesday	22	7½	25	9
Wednesday	22	7½	25	9
Thursday	22	7½	25	9
*Friday	..	..	..	..

* Holiday.

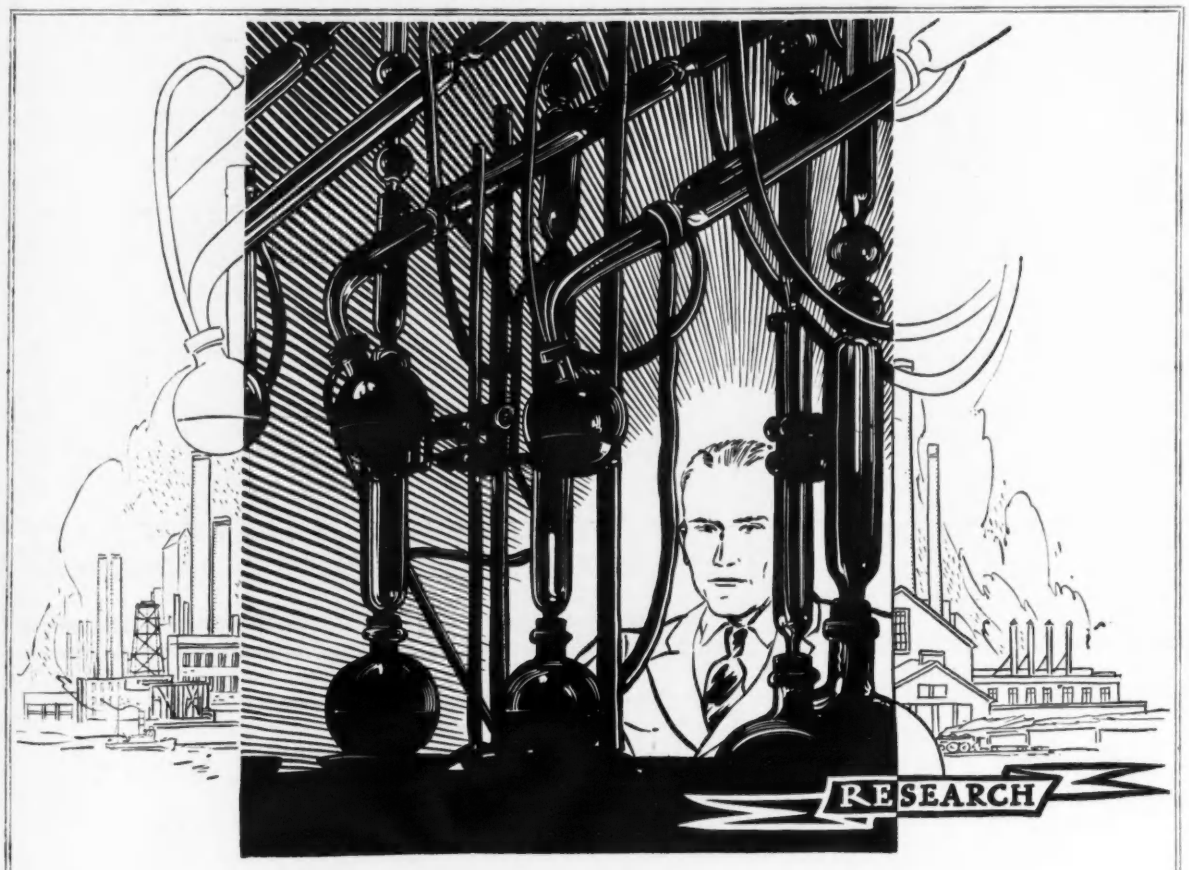
Pine Oil. — The market had a steady tone but aside from this the situation lacked features of interest. There was a fair demand from local and other consumers. Quotations were unchanged.

Pitch. — Quotations were generally held at the levels prevailing in the previous week, the tone of the market being firm. Business lacked snap but there was a fairly active movement into consuming channels.

Tar. — There was little change in the character of business, consumers being disposed to adhere to a conservative course in making purchases. The market retained a steady tone.

Shellac

The past week in the market for shellac was uneventful so far as spot developments were concerned. It was a period in which demand failed to show the much wanted expansion, and in which prices, while openly unchanged, seemed to be the mark for considerable competition. Manufacturing consumers were free from any pressing need to place orders of substantial size. Many had ample quantities due them on contracts, and others bought close to actual needs even though they did buy fairly often. The Easter holidays shortened the week abroad, London closed down Thursday night and active trading will not be resumed until tomorrow. Shipments from India to Japan rose rapidly in 1936 because of expansion of the record making industry in the latter country. The record industry takes an



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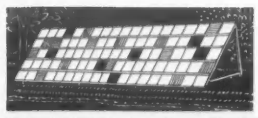

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estimated eighty percent of all Japanese imports. Receipts in Japan in 1936 were estimated at 3,000 metric tons.

London, Mar. 25.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	March 25		March 19	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March.....	54½	11.3	54½	11.8
May.....	56	12.2	56	12.2

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight	
	March.	May.
March 19.....	54s 6d	56s ..
March 20.....	54s 6d	56s ..
March 22.....	54s ..	55s 6d
March 23.....	54s ..	55s 6d
March 24.....	54s ..	55s 6d
March 25.....	54s 6d	56s ..
*March 26.....	.. ..	.. ..

* Market closed.

Calcutta, Mar. 25.—Prices quoted on pure T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	March 25.	March 19.
April	12⅝c	12¾c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
March 19.....	12¾c
March 20.....	12¾c
March 22.....	12½c
March 23.....	12½c
March 24.....	12½c
March 25.....	12⅝c
*March 26.....	..

* Market closed.

Lacquer Materials

Business in the market for lacquer materials continued irregular during the week just closed. The market was without a specific price feature. Manufacturing consumers continued to order supplies in conservative fashion, for labor disturbances in many industries continued in evidence. Word from the automobile industry had it that executives of the Chrysler company and CIO officials were carrying on negotiations looking toward a settlement of the strike, CIO officials having ordered the workers to evacuate the plants. Acetone remained firm. Butyl alcohol was in good demand. Tricresyl phosphate prices reflected the strength in the price structure of the basic product.

Acetone. — A good demand was reported here again last week. Prices ruled firm.

Butyl Alcohol. — Shipments were moving out in good volume during the week. A strong tone was in evidence.

Ethyl Acetate. — Shipments were moving out at a fair pace during the week. Quotations were steady to firm.

Film Scrap. — This market revealed little change during the week, the buying movement held up well and quotations were well maintained.

Tricresyl Phosphate. — A firm tone prevailed in this market. Demand was heavy and prices for the basic product continued strong.

Driers

Although stearate prices were higher in some jobbing quarters last week, prices quoted by the manufacturing suppliers were unchanged and contracts for the second quarter of the year have been issued at no change from the prices that have been in force for the past six months or so. As reported in last week's issue, the extension of current prices had been prefaced by three price advances in the stearic acid market and it had been believed that a substantial boost in prices would take place at this time. Prices for oleates and resinates were without price change last week.

Glues and Binders

Casein.—Buyers were holding off in anticipation of lower prices expected within the next thirty days. With flush production in the offing, paper coaters were working off their current stocks and deferring replacement purchases. Prices were quoted at 17c. per pound for 20-30 mesh and 17½c. per pound for 80-100 mesh, both in carload lots, delivered. Foreign materials were unchanged in price with little offered at this time.

Glues.—The bone glue market held firm at the 1c. per pound advance which took place a fortnight ago. It had been thought that hide glues would have been marked up at the same time as the advance in bone glue but the rise has not taken place as yet. In the meanwhile, the manufacturers faced a world-wide shortage of raw stock and replacement manufacturing costs were close to, if not higher than current selling prices.

Metal Powders and Leaf

The new and higher base schedule of prices for aluminum powders and paste, in drums, for single shipment orders of 2,000 pounds, which was placed in effect Monday by leading producers, was as follows:— standard paste, 43c. per pound; extra fine lining paste, 65c. per pound; extra fine lining ink paste, 75c. per pound; standard varnish powder, 42c. per pound; extra brilliant varnish power, 43c. per pound; extra fine varnish power, 47c. per pound; standard lining powder, 57c. per pound; extra fine lining powder, 92c. per pound; standard litho powder, 42c. per pound; extra brilliant litho powder, 43c. per pound; extra fine litho powder, 47c. per pound; wall paper litho powder, 43c. per pound; and, standard unpolished powder, 37c. per pound. Prices are f.o.b. shipping point, freight allowed to destinations East of the Mississippi in quantities of 200 pounds or more. Deductions allowed from the base price on single shipment orders were ½c. per pound on 5,000 pounds and 1½c. per pound on 30,000 pounds. Extras over the base price for immediate shipment were as follows:— 1,000-1,999 pounds, 1c. per pound; 400-999 pounds, 2c. per pound; 200 to 399 pounds, 5c. per pound; and 10 to 199 pounds, 10c. per pound. Extras over the base price on firm orders for 2,000 pounds or more for deferred shipment were as follows:— in quantities of 400 to 1,999 pounds, ½c. per pound; 200 to 399 pounds, 1c. per pound; and 10 to 199 pounds, 3c. per pound.

Moore Talks on Varnish Changes

Robert J. Moore, of the Bakelite Corporation, addressed the New York Professional Group, Alpha Chi Sigma, at a meeting in this city March 3. He discussed "The Changing Varnish Industry." In tracing the evolution of this industry from an art to one of the largest chemical industries, he emphasized the growing recognition accorded the chemist not only in research, development, and plant control, but also, in sales and executive branches. The improvements in protective coatings made possible by modern synthetic resins were reviewed, especially in the fight against the corrosion of materials.

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Leather

As a wetting and penetrating agent (Brit. 449865)

Miscellaneous

Modifier (Brit. 449865) of—
- Surface tension of liquids

Wetting and penetration agent (Brit. 449865) in—
- Dye liquors used in the dyeing of furs, feathers, and the like (said to promote better saturation by the color and more level shades)
- Various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, wetting

Paper

As a wetting and penetrating agent (Brit. 449865)

Textile

Bleaching

Wetting agent (Brit. 449865) in—
- Bleaching processes

Dyeing

Wetting and penetrating agent (Brit. 449865) in—
- Dye baths (used to secure better and even penetration of the color into the yarn or fabric)

Finishing

Wetting and penetrating agent (Brit. 449865) in—
- Scouring operations
- Washing operations

Manufacturing

Wetting and penetrating agent (Brit. 449865) in—
- Mercerizing

Printing

Wetting and penetrating agent (Brit. 449865) in—
- Printing pastes and processes (used to obtain better and even impregnation of the fabric by the color)

1:2:1′:2′-Bisphthaloyl-6:6′-dicarbazolyl

Textile

As a brown vat dye (Brit. 443958 and 443959)

Bis(betaphenylethyl)-allylamine

Chemical

Claimed (U.S. 2006114) as—
- Substitute for papaverine

4-Brom-1:2-phthaloyl-6-methylcarbazole

Textile

As a vat dye (Brit. 443958 and 443959)

Talc, Fibrous

(Asbestine, New York Talc)

Adhesives

Ingredient of—
- Adhesives for bakelite, containing also shellac, gum, titanium dioxide, and alcohol

Automotive

Ingredient of—
- Gasket compounds in admixture with copal varnish

Ceramic

Filler in—
- Porcelains and potteries, to give them body and density

Flux for—
- Batch in the production of high-tension porcelain for sparkplugs, electrical insulators, and the like

Ingredient of—
- Cores for electrical heating appliances
- Gas-burner tips
- Sanitary ware batches and glazes
- Fruits
- Special mixes with clay for use as a substitute for electrical porcelain
- Various special glazes

Chemical

As a filtering aid

Carrier for various chemical catalysts

Packing material for—
- Metallic elements which oxidize rapidly in air and which decompose water with explosive violence (calcium, cesium, lithium, potassium, sodium, for example, must be immersed in naphtha or other suitable liquid which does not contain water or free oxygen; the tins containing these immersed metals are surrounded with some dense packing material which excludes air and moisture)

Substitute for—
- Other magnesium-bearing minerals as a source of magnesium salts (when so used, the sulphate is the salt directly produced and used as a starting point in the production of other magnesium chemicals)

Construction

As a surfacing material for cement work

Filler in—
- Asbestos shingles, blocks, slabs, and other forms in which this product is marketed
- Roofing (U.S. 1226904)

Ingredient of—
- Artificial building stones and blocks of various kinds
- Composition floorings
- Fireproofing compositions
- Marble floorings
- Roofing cements
- Special cement mixtures (used to give coherence, density, and smooth, dustless surface)
- Various compositions used for covering steam pipes and boilers to prevent loss of heat through radiation
- Wall plasters

Starting point (U.S. 1383864) in making—
- Tile

Substitute for—
- Oil in terrazo and mosaic flooring

Cosmetic

Absorbent material in—
- Deodorizing pastes, creams, and the like

Ingredient of—
- Body powders
- Creams
- Face powders
- Foot powders
- Lotions
- Pastes

Dye

As an absorbent for dyes and colors

Electrical

Filler in—
- Wire-insulating compositions of various kinds

Explosives

Absorbent for—
- Nitroglycerin in various explosive compositions

Fats and Oils

As a filtering medium for fats and oils of various sorts

Fertilizer

As an inert filler in many fertilizer compositions

Food

Bleaching agent for—
- Treating barley of inferior color

Cleansing agent in—
- Treatment of such foodstuffs as barley, beans, coffee, corn, peas, peanuts, rice

Dusting agent—
- In admixture with starch, for coating candy molds and molding tables in order to prevent sticking

Packing and conserving agent for—
- Eggs
- Vegetables

Glass

Dusting agent for—
- Bottle molds (used to prevent sticking of the glass)

Ingredient of—
- Batches for the production of milky, opaque glass

Polishing agent for—
- Plate glass

Insecticide

As an inert filler in various insecticidal preparations

Ingredient of—
- Bug-repelling compositions
- Fly-repelling compositions
- Roach-repelling compositions
- Rodent-repelling compositions

Leather

Absorbent for—
- Drying oily leathers

Ingredient of—
- Cleansing and redyeing preparations
- Finishing and dressing compounds for the treatment of many kinds of leather

Substitute for—
- Wheat flour in the manufacture of glazed kid

Linoleum and Oil Cloth

As a dusting agent

As a filler

Lubricant

Filler in—
- Lubricating greases

Mechanical

As a lubricant

Metallurgical

Substitute for—
- Graphite, or in admixture with graphite, as a dusting and facing agent to coat foundry molds to prevent sticking of castings or ingots

Miscellaneous

As an absorbent in many industrial processes

As a dusting agent in many industrial processes

As a filler in many products

Cleansing and glossing agent for—
- All kinds of brushes and brooms

Dusting, lubricating agent for—
- Cork molds
- Rubber-stamp molds
- Use in gloves, shoes, and boots in order to make them easier to put on

Filler in—
- Automobile polishes
- Composition belting (U.S. 1218052)

Filler and finishing agent in making—
- Cordage, rope, string, and the like

Filler and polishing agent in—
- Pastes used as preservative coatings and polishes for stove and furnaces

Ingredient of—
- Belt dressing (U.S. 1218052)
- Colored crayons made with chrome colors
- Compositions used for manufacture of crayons
- Gold and silver cleaning compositions and soaps
- Marking chalks
- Rustproofing compositions (U.S. 1381112)

Lubricant for—
- Wire nails used in automatic box-nailing machines

Mild abrasive in—
- Automobile cleansing preparations (used not only for removing dirt and road scum but old wax surfacings which have bleached and lost their luster)
- Wood polishes

Substitute for—
- Ground cork, in combination with woodflour and paper stuff

Paint and Varnish

Filler and pigment in—
- Cold water paints
- Enamels
- Fire-resistant paints
- Flexible roofing paints
- Paint (U.S. 1489418)
- Wall sealers
- Waterproofing paints

Ingredient (U.S. 1223357 and 1223358) of—
- Titanium oxide pigment

Starting point (U.S. 1234260, 1240405, 1251170, 1288473, and 1489418) in making—
- Pigments

Paper

Absorbent and filler in—
- Blotting paper

Inert filler in—
- Insulating paper
- Paperboard (U.S. 1503957)
- Roofing paper
- Wrapping paper
- Writing paper

Ingredient of—
- Glazes and coatings
- Tissue paper made from sulphite pulp

Reagent for—
- Bleaching cellulose
- Removing resins from cellulose

Pharmaceutical

As a dusting powder and as an ingredient of dusting powders

Binder in—
- Pills and tablets of all kinds

Lubricant for—
- Tablet dies

Photographic

As a general polishing and cleansing agent

Plastics

Inert filler in various plastic compositions

Ingredient of—
- Casein compositions
- Compositions used in the manufacture of buttons and the like
- Compositions used in the manufacture of imitation amber

Rubber

Dusting agent and protective coating for—
- Automobile inner tubes
- Crude rubber
- Rubber goods of all descriptions

Inert filler in—
- Rubber goods of all descriptions

Protective packing material for—
- Rubber goods of all kinds

Soap

Ingredient of—
- Toilet soaps (as an inert soft filler and an odor absorbent)

Sugar

Filtering medium in—
- Refining and purification

Textile

Dressing in—
- Yarn and thread manufacture

Filler in—
- All kinds of fabrics

Loading agent in—
- Carpets and rugs

Polishing and sizing agent for—
- Pile fabrics

Reagent for—
- Bleaching cloths and yarns
- Cleansing silks and other fabrics
- Coating and sizing cotton fabrics
- Dyeing and printing textile fabrics
- Finishing cloths and yarns
- Processing cotton and linens

Water and Sanitation

Filtration agent in—
- Purifying, decolorizing, and degreasing waste waters

Woodworking

As a wood preservative (U.S. 1165753)

Filler and abrasive in—
- Compositions used in the finishing of furniture, interior trim, and floors

---

Tetramethylbutylcresol

Chemical

Starting point (Brit. 444351) in making—
- Fat-splitting catalysts and emulsifying agents for use in dyeing, laundering, bleaching, and various other processes, by reacting with formaldehyde and nonaromatic secondary amines (the salts of the products with water-soluble acids, or water-insoluble acids, or the quaternary ammonium salts, are claimed to be valuable for the purposes named)

Oils, Fats and Waxes

Tallow Easier Under Freer Offerings—Menhaden and Sardine Oil Advanced by Refiners—Linseed Oil Up Again—Coconut And Babassu Lower—Rapeseed Oil Scarce

Miscellaneous oits, fats and greases were somewhat more active last week. As usual on the eve of the Easter holidays, much of the purchasing was limited to comparatively small quantities, but the movement of such lots for the week showed an increase over the previous period and was apparently larger than expected by sellers at this season of the year. Changes in quotations were about evenly divided between advances and reductions. Offerings of many products were light throughout the week and at the close the prevailing tone appeared to be steady or firm.

Among the vegetable oils, coconut was an easy feature, offerings being reported at further concessions. Babassu oil was also shaded owing to weakness in competing product. Chinawood oil met with a somewhat better inquiry and the trend of prices was upward at times in company with the primary situation, although changes were not very important. Increasing scarcity of rapeseed oil was reflected in a further strengthening of quotations. Higher prices were quoted for Niger palm oil on spot owing to the smallness of supplies. Olive oil remained firm.

Refined fish oils were firmer owing to the strength of crude in primary markets. Advices from abroad stated that only a comparatively small quantity of the new season's output of crude whale oil remains unsold. Cash lard had a downward trend at times in company with the course of futures in Chicago, where traders were more disposed to sell owing to a continuation of liberal receipts of hogs and mounting stocks of lard. Tallow was shaded. A report from Washington announced the introduction of a bill to remove the duty on imported tallow.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ¼c. per lb.
Lard oil, 25c. per 100 lbs.
Linseed oil, 2-10c. per lb.
Menhaden oil, refined, 2-10c. per lb.
Neatsfoot oil, 25c. per 100 lbs.
Palm oil, Niger, spot, ⅜c. per lb.
Palmkernel oil, ⅛c. per lb.
Rapeseed oil, 1c. per gal.
Sardine oil, refined, 2-10c. per lb.

Reduced

Babassu oil, ¼c. per lb.
Coconut oil, ¼c. to ½c. per lb.
Copra, ¼c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Cottonseed oil, imported, ⅛c. per lb.
Lard, 25c. to 50c. per 100 lbs.
Menhaden oil, crude, 1c. per gal.
Palm oil, softs, ⅜c. per lb.
Tallow, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
156.3	156.3	153.2	120.2

Market news that may nave developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—For July forward 11¼c. per pound was quoted in tankcars as compared with 11½c. per pound in the previous week. The reduction was attributed to a downward trend in coconut oil and other competing products. There was a good demand.

Chinawood.—Prices continued to move within narrow limits in the primary market, but in the main the tone was firmer. Developments abroad were reflected in local and Pacific Coast markets, prices being about ¼c. to ⅜c. per pound higher, with reports current of transactions here at 14.5c. to 14.7c. per pound in tankcars, May forward. Quotations on spot oil were close to those named for futures, but consumers manifested little interest in spot oil. While transactions for the week were not on an important scale, the volume of business closed was reported as larger than in the previous week and better than had been anticipated at this period of the year, when consumers are usually disinclined to provide to any extent for future requirements.

Coconut.—An easy tone prevailed in local and Pacific Coast markets last week as developments in copra and coconut oil abroad were of a depressing character. In the absence of any improvement in demand for coconut oil, the inquiry for copra continued slow and offerings were freer. Crude oil was available on spot at 8½c. per pound in tankcars while quotations on futures ranged from 8⅛c. to 8¼c., according to position. There was a steady movement into consuming channels on contracts previously placed but new business was slow. Edible oil was ¼c. per pound lower with a fair demand.

Corn.—Quotations on crude oil were about stationary during the week. Competing product was easier in some cases but offerings of corn oil continued light. Refined was in fair demand and steady. According to an official report the indications point to an increase in the area under corn cultivation during the coming season of about 2,100,000 acres.

Cottonseed.—Edible oil was maintained by domestic refiners at the prices prevailing in the previous week, the tone of the market being steady. Trade was on a moderate scale. Imported semi-refined oil was easier for shipment, quotations being about ⅛c. per pound lower although offerings were said to be rather light.

Oiticica.—The market had a steady tone. There were reports of a somewhat better inquiry as a result of the firmness displayed by chinawood oil. Spot stocks were said to be light or moderate.

Olive.—A firm tone continued to prevail in the absence of any increase in offerings on spot or for arrival from abroad. Quotations were generally nominal.

Perilla.—There were reports of further rather liberal transactions in futures. The tone of the market remained firm. Spot stocks appeared to be light.

Rapeseed.—With supplies small and diminishing, the market was firmer. Business was reported to have been closed at 89c. per gallon and there was apparently little if any available at less than that figure. Some dealers were not in a position to offer for prompt or nearby delivery. Seed crop reports from India were favorable.

Soybean.—Quotations were stationary and the tone of the market appeared to be firm. There were reports of some improvement in the inquiry as a result of the strength of other paint oils. According to an official report, the indications point to a material increase in the next acreage.

Teaseed.—Importations have been heavy recently but it was stated that much of the oil was sold ahead. Spot stocks were still reported as light. Business was reported to have been closed in futures at 10¼c. per pound upward, according to position .

Markets at Other Centers

Chicago, Mar. 26.—The whole vegetable oil market is a bit dull. Price changes have been along lines of quite limited extent.

COCONUT.—Crude oil, 8½c. to 8⅝c. per pound, prompt shipment; 8⅛c. to 8⅜c., deferred.

CORN.—Crude, low acid, 10⅛c. to 10¼c. per pound, mills, partly nominal. Refined, edible oil, 13¼c. to 13½c. per pound, drums, car lots; and 13½c. to 14c., drums, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 16c. to 16½c. per pound; futures, 14¼c. to 14½c.

SOYBEAN.—Crude, prompt shipment, 9¾c. to 10c. per pound, drums.

PEANUT.—Crude, 10c. to 10½c. per pound, South.

Chicago, Mar. 26.—Range of soybean prices for the week ended March 24:—Low, $1.56¾; high, 1.57½. (No. 2 yellow, spot.)

San Francisco, Mar. 24.—Again last week perilla oil held the center of the stage here in vegetable oil operations, buyers throughout the country taking on quantities for extended shipments which will hold contracts open for months ahead. The market rose gradually as a result of the interest. Meantime, the trend of the various oils was slightly mixed, but on the whole the general tone was steady.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Ruling prices are—

BABASSU.—Quoted for March or spot shipment at 10½c. per pound in tankcars, f.o.b. mill, Pacific Coast, with futures offered at 10¼c. The market has been active in a routine way.

COCONUT.—The market eased slightly during the week. Spot and nearby oil was quoted here at 8½c. per pound, nominally, with futures at 8c. per pound, f.o.b. tankcars, Pacific Coast mills and ports. Trading was noted at the latter price.

COPRA.—The market followed a purely routine course last week, new developments lacking, and the situation practically repeated that of the previous period. Prices showed but little, if any

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change, reflecting a rather steady tone, although some buyers were of the opinion that a bid at a reasonable figure below the market quotation might fetch a parcel or two for future shipment.

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CHINAWOOD.—Stronger. Quoted for March/April shipment from the Pacific Coast at 14½c. per pound; May/June forward, shipment from the Orient, quoted at 14⅜c. per pound, all tankcar basis.

COTTONSEED.—Steady, after fluctuations in the market. Japanese semi-refined cottonseed oil is quoted at 10¾c. per pound, April/May shipment from the Orient. Brazilian oil is quoted at 10.55c. per pound. All duty paid, in tankcars, f.o.b. Pacific Coast.

PERILLA.—Stronger. Forward shipment from Japan quoted on the basis of 10¾c. per pound in tankcars, f.o.b. Pacific Coast ports. Prompt to nearby, out of spot stocks quoted at 11c.

TEASEED.—Quoted at 10c. per pound, nominally, in drums, c.i.f. Pacific Coast, April/May shipment from the Orient.

SESAME.—Crude oil is quoted at 10½c. per pound in tankcars, f.o.b. Pacific Coast mill. Seed for crushing is quoted from $73 to $75 per ton, c.i.f. Pacific Coast ports.

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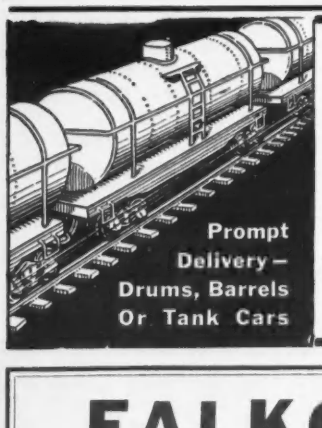

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Linseed Oil

Flaxseed prices had an upward trend in foreign and domestic markets last week. Domestic linseed oil quotations were again advanced. Cake and meal unchanged.

Flaxseed—DULUTH, Mar. 26.—Soil conditions in the Northwest continued bad. However, there is sufficient top-soil moisture in Minnesota and the Red River valley (the boundary line between Minnesota and North Dakota) to start germination when this year's flaxseed is planted, but the subsoil moisture is deficient in the central and western part of the Dakotas and also in Montana. It was pointed out that Spring and early Summer rains will be an absolute necessity.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.19	$2.15	$2.15
Monday	2.19	2.15	2.15
Tuesday	2.19	2.15	2.15
Wednesday	2.19	2.15	2.15
Thursday	2.23½	2.17½	2.18
*Friday	...	...	...

* Holiday.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1937.	1936.	1937.	1936.
This week..	.....	5,646	....	....
Since Aug. 1...	952,401	3,561,822	927,401	2,418,206

MINNEAPOLIS, Mar. 26.—Nothing but a draggy cash flax market here during the past week, largely because of the quality offered. An outside crusher picked up what good seed there was and an elevator company picked up virtually all of the mediocre to poor quality around May price. Choice seed quoted as high as 4c. over and only an occasional car worth that price. From the number of clean-up and small cars arriving it would seem as though an early clearing of the old crop seed is in prospect. The government report on intentions to sow flax was very disappointing and may result in heavier consignments a little later, of flax that was being held in reserve for seed purposes.

However, there is nothing definite about flax acreage at all. The whole situation depends on rainfall and availability of seed flax. The government supply is small and held here in Minneapolis. Locally the mills are crushing Argentine freely and mixing in a little of their domestic quality in order to bring up the protein quality of meal. Fair deliveries of poor seed are expected to show at the turn of May. It is of a quality that nobody favors.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.21½	$2.17½	$2.17½
Monday	2.22	2.18	2.18
Tuesday	2.22	2.18	2.18
Wednesday	2.22¼	2.18½	2.18½
Thursday	2.27	2.23	2.23½
*Friday	...	...	...

* Holiday.

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1937.	1936.	1937.	1936.
This week..	174,600	43,820	5,080	6,550
Since Sept. 1...	2,922,810	7,281,950	331,240	1,149,480

WINNIPEG, Mar. 26.—Changes in flaxseed quotations were generally moderate. Trading continued quiet. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.76¾	$1.77	$1.76¾
Monday	1.77½	1.78	1.78
Tuesday	1.79⅜	1.79⅝	1.80
Wednesday	1.84	1.84⅝	1.85
Thursday	1.89⅝	1.89⅝	1.90
*Friday	...	...	...

* Holiday.

BUENOS AIRES, Mar. 26.—Opening prices per bushel on April contracts were:—

	Last week.	Last year.
Saturday	$1.30⅞	$1.18⅜
Monday	1.34⅛	1.18⅜
Tuesday	1.34⅜	1.18½
Wednesday	1.35⅜	1.18¼
Thursday	*..	1.18½
Friday	*..	1.18½

* Holiday.

Exports

To—	Bushels		
	Last week.	Previous week.	Last year.
United States.....	929,000	622,000	591,000
United Kingdom..	59,000	.....	4,000
Continent	898,000	350,000	681,000
Orders	449,000	449,000	43,000
Others	347,000	232,000	103,000
Totals	2,682,000	1,653,000	1,422,000

Since January 1

To—	Bushels	
	This year.	Last year.
United States.....	9,708,000	3,704,000
United Kingdom.....	472,000	279,000
Continent	6,099,000	7,924,000
Orders	8,189,000	5,416,000
Others	913,000	867,000
Totals	25,381,000	18,190,000

Visible Supply

	Bushels.
Last week.....	7,480,000
Previous week.....	7,087,000
Last year.....	5,315,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels		
	Last week.	Previous week.	Last year.
United Kingdom..	24,000	260,000	116,000
Continent	12,000	40,000	.....
Others	.....	32,000	.....
Totals	36,000	332,000	116,000

Since April 1—	Bushels	
	This year.	Last year.
United Kingdom.....	9,024,000	4,176,000
Continent	1,064,000	912,000
Others	724,000	884,000
Totals	10,812,000	5,972,000

HULL, Mar. 26.—Quotations on flaxseed were:—

	Per ton	
	La Plata.	Bombay.
Saturday	£12½	£15⅛
Monday	12¾	15¼
Tuesday	13	15½
Wednesday	13	15½
Thursday	13⅛	15½
*Friday	..	..

* Holiday.

Linseed Oil.—The drift of flaxseed continued upward in foreign and domestic markets last week and this was reflected in a further strengthening of the domestic linseed oil situation. Prices were advanced two points to the basis of 10.1c. per lb. in tankcars, and at the close of the week crushers appeared to be firm in their views. Bids at slightly below prevailing quotations were said to have been turned down.

There was a steady movement into consuming channels on contracts and in some circles new business was described as fairly active. Paint makers were said to have been the chief buyers and predictions continued to be heard that consumption of linseed oil in painting and repainting during the current season will probably show a substantial increase over the previous year. The indications are also said to point to an expanding consumption in other fields.

Advices from some outside centers reported a noticeable disposition among consumers to provide for future needs despite labor troubles in important industries and production at some points was said to have been increased as a result of this demand.

The strength of the Argentina market for flaxseed was attributed to the recent government report regarding the planting intentions of farmers in this country, the indicated acreage, though larger than last season, being smaller than expected. It is pointed out in this connection that it is too early to get anything like a clear idea of the probable acreage in the United States so early in the season, as weather conditions during the wheat planting period will have much to do with deciding the size of the flaxseed area. Adverse weather conditions for wheat, it is contended, would probably result in a material increase in the flaxseed area, although some reports from the northwest recently have been to the effect that flaxseed supplies for planting purposes are by no means large.

Arrivals of flaxseed at New York last week were heavier, amounting to 839,479 bushels. Shipments from Argentina for this country were 929,000 bushels, making a total since January 1 of 9,708,000 bushels against 3,704,000 bushels in the same time last year.

Farmers in the United States reported intentions to plant 1,306,000 acres of flaxseed for harvest next fall. With average yields this acreage would produce about half the prospective domestic requirements, according to the Bureau of Agricultural Economics. Various estimates indicate a possible supply of about 60,000,000 bushels of flaxseed on August 1, 1937, in the four principal producing countries other than Russia, compared with about 52,000,000 bushels on that date last year.

The acreage intended for harvest in the United States next fall is an increase of about 11 percent over the 1,180,000 acres harvested last year, but only 47 percent of the 1928-32 five-year average of 2,772,000 acres. Present indications point toward a slight increase in world demand for flaxseed next fall as compared with the 1936-37 season, said the Bureau. The trend of building activity in the United States is upward, and industrial activity is expected to continue higher during the next few months.

MINNEAPOLIS, Mar. 26.—Demand for linseed oil is slower than during the past week but sales recently have been good. Buyers took cooperage, tankcar and roundlots rather freely for shipment during the next 90 days. A few sales were made for shipment up to next fall. Trade for delivery beyond June was limited. The Argentine background for lower prices is fading rather definitely and buyers are beginning to consider the new domestic crop outlook.

Shipping instructions are just a little better than fair and stocks on hand here are decreasing gardually. Currently the output is approximately 50 percent of capacity. One company is expected to start up shortly because of improved shipping instructions on old and maturing contracts.

Sentiment among buyers is not particularly bullish but there is more doubt con-

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

cerning the future. For a long period the idea that Argentina would furnish more than enough flax than required was prevalent. Late advices are of different import and the trade is more inclined to order for deferred delivery.

Shipping instructions on maturing contracts are fair and the out movement is wearing down stocks gradually.

Quotations on carload lots, cooperage, 10.9c. per pound, tankcar lots 10.3c. per pound and on warehouse lote 11.3c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,363,597	2,156,413
Since Sept. 1	36,124,212	60,248,264

SAN FRANCISCO, Mar. 24.—The linseed oil market is firm, but rather inactive at the moment, sales earlier in the week having taken place just before the advance. Contract shipments against old contracts for the spring paint trade have been good. Quoted: Tankcars, 10.3c. per pound; drum car lots ex-mill, 10.9c.; drum lots ex-warehouse, 11.3c.

CHICAGO, Mar. 26.—Linseed oil has been showing some price improvement, with sellers asking slightly higher prices, and reporting themselves as being able to get them. Still, buyers are not reaching for material at these increased quotations. Mostly, they are taking fair amounts and not speculating. However, there is much talk as to the good-scale consumption outlook. Ruling prices of representative sellers are:—Tankcar, 10.1c. per pound; car lots, 10.7c., warehouse deliveries, drums, 11.1c.

LONDON, Mar. 26.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	28	7½
Monday	28	7½
Tuesday	28	10½
Wednesday	29	0
Thursday	29	3
*Friday	..	..

* Holiday.

Cake and Meal.—The market had a firmer tone owing to the strength of flaxseed, but quotations were without further change. The export inquiry for cake continued rather liberal. There was little change in the character of domestic business in meal, such transactions as were reported being limited to small lots.

MINNEAPOLIS, Mar. 26.—Demand for meal is fairly good and prices are sharply higher compared with a week ago. Currently the buyers are absorbing just a little more than output of local mills and tendency is strong. The high price of millfeed and of concentrates is important at the moment. Most of the buying is for quick or nearby shipment and shipping instructions accompany orders. There is no demand for deferred shipment. Stocks in the hands of interior distributors are moderate to light.

Quotations on 32 to 34 percent meal, f.o.b. Minneapolis, 100-pound sacks, $40 to $40.50 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	3,231,128	5,518,723
Since Sept. 1	63,464,455	119,352,643

CHICAGO, Mar. 26.—Linseed meal business has been reaching comparatively good sized totals, although the market has a rather spotty appearance. Ruling prices of representative sources are:—Roundlots, $41 per ton, largely nominal; car lots, $41 to $42; less than car lots, $43.50 to $44.

Cottonseed Oil

Refined cottonseed oil futures in the local market were irregular, changes in quotations being moderate. Crude oil was easier in the South, but other cottonseed products were generally firm.

Cottonseed Oil.—Speculative operations in refined oil futures in the local market were on a smaller scale last week, as usual on the eve of the Easter holidays, and, although fluctuations in prices were frequent, the changes were generally within moderate limits. In the main, however, the undertone of the market seemed to be easier. Lard displayed considerable weakness as the movement of hogs, though smaller than recently, failed to show the sharp decrease that had been expected, while the trend of cotton was reactionary at times.

Moreover, liberal importations of cottonseed and other vegetable oil continued to be reported, the indications seemed to point to further additions to lard stocks and the export inquiry for lard remained disappointing. On the other hand occasional upturns occurred in lard and cotton futures, predictions continued to be heard of an impending drop in marketing of hogs and bullish ideas prevailed among not a few in the trade concerning the outlook for inflation and what they regarded as the inevitable strengthening of commodities of various kinds as a result, cottonseed oil by no means excepted.

On the whole, however, there was more disposition to sell than there was to buy and closing prices on Thursday were about 18 to 20 points lower as compared with the final quotations of the previous Friday. In addition to lard, some other products which compete with cottonseed oil were weaker. Coconut oil was ½c. per pound lower on spot, but the inquiry continued very light. Babassu was also shaded, although domestic producers were in a position to accept busines only for future delivery. Sales of tallow were reported at a small decline.

Receipts of hogs at some points in the West were smaller, the arrivals in the principal Western centers aggregating 213,400 head against 235,800 head in the same time last year. The weight of the hogs received at Chicago averaged 256 pounds against 247 in the previous week, 241 pounds in the week before that, and 247 pounds in the same week last year. Exports of lard from Atlantic and Gulf ports from November 1 to March 20 were 41,953,918 pounds against 37,513,949 pounds in the corresponding period last year.

Reports concerning the progress of preparations for the new cotton crop were more favorable. Despite unseasonably low temperatures, with further rains at points where moisture is not wanted, farm work was pushed. As a result of the high prices prevailing for cotton and the improved financial position of cotton growers, there is a belief among many in the cotton and cottonseed oil trades that the next acreage will be considerably increased, estimates of the expansion ranging from 10 to 15 percent.

In some parts of the cotton belt the indications are said to point to an increase of as much as 20 to 25 percent, though such instances are not regarded as representative. In parts of Western Texas and Oklahoma Winter rainfall was below normal, but in most parts of the belt the condition of the soil is regarded as good. As to the possibility of heavy damage from boll weevil as a result of the unusually mild Winter, this may be more than offset by the fact that weevil mortality last season was unusually high owing to the prolonged hot, dry weather and that consequently fewer weevils than usual went into hibernation last Fall.

Further tenders on March cottonseed oil contracts brought the total for the month thus far up to 68. Refiners were credited with operations on both sides of the market. Foreign interests were regarded by some as sellers on balance. Commisison houses bought the Summer months on weak spots.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from March 20 to March 26, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
April	....	....	11.10 Nom.	..
May	11.27	11.03	11.11@11.13	89
June	....	....	11.15 Nom.	..
July	11.35	11.10	11.18 Sale	181
August	....	....	11.18 Nom.	..
September	11.36	11.12	11.18@11.21	123
October	11.17	10.94	10.98@11.04	43
November	....	....	10.95 Nom.	..
Total sales				436

Crude, Southeast, 9.87½@10.00c.
Valley, 9.87½@10.00c.
Texas, 9.87½c.

Chicago, Mar. 26.—A rather steady tone is reported in cottonseed oil here. The various grades are showing no definite inclination to move extensively in price, but have been holding their own without any special difficulty. Good, off-Summer, yellow fig oil is ruling at 11⅜c. per pound. Refined, edible oil is quoted at 13c. to 13¼c. per pound, barrels, car lots; and 13½c. per pound, barrels, less than car lots.

Hull, Mar. 26.—Quotations on cottonseed oil were:—

	Refined, Per cwt. s.	d.	Egyptian crude, Per cwt. s.	d.
Saturday	33	0	30	0
Monday	33	0	30	0
Tuesday	33	0	30	0
Wednesday	33	0	30	0
Thursday	33	0	30	0
*Friday	..	..	..	..

* Holiday.

Cake and Meal.—A generally steady or firm tone was reported in Southern markets so far as spot material was concerned. Futures at Memphis showed irregularity, but offerings of spot product were light throughout the week. An increase was noted in the inquiry at some points but much of the activity appeared to be in the nature of deliveries on unfilled contracts.

Markets at Other Centers

Atlanta, Mar. 24.—Crude cottonseed oil is slightly weaker, also hulls. Meal is fairly strong but without change of price. Weather is favorable to land preparation. Larger quantities of fertilizers are reported moving to fields in the lower South, where planting is well under way.

Objections are being raised in the South to the allotment of cotton acreage under Government regulations, with very few farmers signing federal contracts. Fifteen cent cotton lint is making soil improvement and soil conservation crops less attractive to the cotton farmer.

Quotations of this market are as follows:—

OIL.—Prime crude, 10c. per pound.
MEAL.—7 percent protein, $34 ton.
HULLS.—Loose, $11; sacked, $13 ton.
SEED.—Varying prices; because quality is poor, seed are bought on analysis.

Memphis, Mar. 26.—The crude cottonseed oil situation continues tight. Some scattered sales made this week at 10c., Valley basis. Mills are generally sold ahead against their entire seed holdings. Meal was stronger, advancing in the Memphis pit to the high point for the season. Spot meal, $36 per ton for 41 percent. Slab cake, $33.50 per ton. Farm work getting under way but is still backward.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	March 18.	March 24.
March	$34.50@35.00	$35.75@37.50
May	32.90@33.10	34.50@35.00
July	32.50@32.90	30.00@31.00

Animal Oils

Lard.—Quotations were unchanged to 25c. per 100 pounds higher, the tone of the market being firmer. Consumers were not inclined to purchase ahead, but the inquiry for moderate quantities was somewhat better.

Neatsfoot.—Extra and extra No. 1 were advanced 25c. per 100 pounds. Other grades were unchanged. There was a fairly active demand for moderate lots to fill current needs.

Oleo.—A somewhat better inquiry was noted from local and outside consumers, though, as a rule, buyers were not disposed to anticipate at this season. The market retained a firm tone.

Tallow.—Quotations were maintained at previous levels, the tone of the market being firm. Demand was reported as fair.

Markets at Other Centers

Chicago, Mar. 26.—Continued irregularity in some of the allied markets are having the effect of keeping the animal oils market a little unsettled, although prices actually ruling show comparatively little change. A fair amount of interest is being indicated by buyers in picking up moderate amounts, but most of them seem to be maintaining a generally cautious attitude.

LARD.—No. 1, 12¾c. to 13c. per pound.
OLEO.—No. 2, 12¾c. to 13c. per pound.
TALLOW.—Acidless, 12¾c. to 13c. per pound, tanks; 13¼c. to 13½c., drums.

Fish Oils

Menhaden.—Crude oil was reported to have sold at 42c. per gallon, Baltimore basis. The last previous transaction was at 43c. The market appeared to be firm late in the week owing to the smallness of supplies of old crop oil still unsold. Refined oil was firmer, quotations being advanced 2-10c. per pound by local refiners. There was a fair demand, though consumers were not inclined to purchase ahead.

Sardine.—Increasing strength of crude on the Coast was reflected in a firmer market here for refined oil. Consumers were not inclined to anticipate, but there was a fair call for small or moderate quantities for prompt shipment. Prices were 2/10c. per pound higher.

Whale.—Sellers of refined product were firm in their views as a result of the strength of other oils and fats. There was a fair demand. Foreign markets for crude oil were reported as firmer, influenced by recent large sales from the current season's production. Offerings abroad were reported as very light, and it was stated that only 50,000 tons of the new season's output remains unsold. Fishing for the season is reported to have ended at the close of the first week in March and a number of floating factories have left, or are preparing to leave the fishing grounds on the homeward run.

Markets at Other Centers

Baltimore, Mar. 24.—The sale of several tanks of old menhaden oil at 42 cents per gallon was reported during the last week, but this transaction did not bring out any further supplies, and seems to have absorbed virtually all the oil still in the hands of producers. Whether this business fairly represented the market is also left in a state of uncertainty, for there were no advices as to conditions off the Florida coast or at any other point. Emphasis is placed upon the fact that the oil sold was last season's production, which left the position of the new product when commitments are taken on a when-and-if-made basis uncertain. It is much too early to make any predictions as to what the new season will bring forth, and there are wanting all indications with respect to the results when the fishing fleet resumes operations.

Chicago, Mar. 26.—Talk in the fish oils market continues along lines indicating further strength. Buying is not very active, but that which is coming through is being done on a comparatively firm basis, with the general price situation about unchanged. Advices from both West and East as to respective products reflect considerable strength.

San Francisco, Mar. 24.—Developments were slow in fish oils last week, in keeping with their present out-of-season status and the trade at large was not finding anything in particular with which to busy itself. There was one report of more oil having been sold at the previous week's all-time high of 54½c. per gallon, southern California tankcar basis, but this was thought as likely as not as having a bearing on the sale reported in this column last week. In any event, inquiry among various fish oil factions developed no interest in this market during the period under review, conditions here being very quiet. Scarcity of holdover oil is quite evident, most sources being entirely dried up, although some material can be had.

Fishing and oil reduction will wind up at San Pedro the end of this month, when the season officially ends there. Fishing has tended to improve slightly of late, reports say, but it is concluded the return of oil will be below that which was anticipated at the start of the season. Activity in northern California terminated the middle of last month and the industry has been shut down here now for over five weeks.

So far as is known there has been no advance trading in any 1936 seasonal production, the start of which will be heralded by Alaska herring reduction some time in June. It is entirely logical to assume that with labor troubles likely to come about, in one way or another, before the opening of the new Pacific Coast seasons, the advance sale of oil will be held back until such potentialities have been overcome. One report from the northwest received here during the week said negotiations were under way already to make secure the coming season's working basis with the Alaska herring fleets.

Fats and Greases

Grease.—The inquiry was fairly active though consumers were generally inclined to limit their takings to comparatively small or moderate quantities. Offerings were light and the market retained a firm tone.

Lard.—Cash product has a downward trend at times in company with the course of futures in Chicago, where sentiment appeared to be more bearish than recently owing to the continued liberal marketing of hogs and the further additions to the heavy supplies of lard. Domestic trade was fair, but the foreign inquiry continued disappointing.

Stearin.—The market was rather quiet but offerings were reported as light throughout the week and the prevailing tone was firm.

Tallow.—There was little in the way of activity to record during the week as large consumers were still inclined to hold aloof for fresh developments. There was a fair inquiry, however, for comparatively small or moderate quantities. The last business reported was on the basis of 9⅜c. per pound for extra, delivered.

A bill was introduced at Washington last week by Representative Theodore H. Peyser, of New York, providing for the removal of the three cents per pound tax on imported tallow. There was no auction of tallow in London last week. The market here for tallow futures was quiet with offerings light.

Following is a record of the market for tallow futures on the New York Produce Exchange from March 20 to March 26, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
March	....	....	9.00 Nom.	..
April	....	....	9.00 Nom.	..
May	9.25	9.25	9.05@ 9.40	1
June	9.35	9.35	9.00@ 9.40	1
July	....	....	9.10@ 9.40	..
August	....	....	9.10@ 9.40	..
Total sales				2

Markets at Other Centers

Chicago, Mar. 25.—Reflecting some uncertainties in the lard futures markets, and in other allied markets, cash lard has appeared to mark time here lately. Views, while divergent, are not strong enough to sway the general market situation decidedly, with the result that a good many are taking a sidelines position as to participation. Under these circumstances, shipping trade has been fair.

The range of lard quotations from the opening Saturday, March 20, to the close Friday, March 25, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.52	$12.52	$12.27	$12.37	$12.55
May	12.77	12.97	12.55	12.67	12.85
July	13.00	13.20	12.82	12.90	13.10

TALLOWS (tierces).—Edible, 9¾c. to 10c. per pound; prime, 9¼c. to 9⅜c.; fancy, 9⅛c. to 9⅜c.; special, 8¾c. to 9c.; No. 1, 8⅞c. to 9c.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

V131113 MAR 37 XUM

GREASES (tierces).—Choice white, 9⅝c. to 9¾c. per pound; A white, 9¼c. to 9⅜c.; B white, 9⅛c. to 9¼c.; yellow, 10-16, 8⅞c. to 9c.; yellow, 16-20, 8¾c. to 8⅞c.; brown, 8⅜c. to 8⅝c.

STEARINS (barrels).—Prime oleo, 10¼c. to 10½c. per pound; lard, packages, 12¾c. to 12⅞c.; A white grease, 9⅜c. to 9½c.; yellow grease, 8⅞c. to 9c.; extra oleo stocks, 12½c. to 13c.; No. 2 stocks, 12c. to 12¼c. (Oleo stocks in car lots.)

Liverpool, Mar. 26.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	May.	July.	Sept.
	s. d.	s. d.	s. d.	s. d.
Saturday	69 6	61 0	60 6	61 0
Monday	69 6	61 9	61 3	.. ..
Tuesday	69 6	61 6	61 6	61 3
Wednesday	69 0	60 3	60 0	60 3
Thursday	69 0	61 0	60 6	61 0
*Friday	.. ..	.. ..	.. ..	.. ..

* Holiday.

Liverpool, Mar. 26.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	28 3	28 6
Monday	28 3	28 6
Tuesday	28 3	28 6
Wednesday	28 3	28 6
Thursday	28 6	28 6
*Friday	.. ..	.. ..

* Holiday.

Fatty Acids

Red Oil.—The market retained a firm tone, selling schedules being maintained by producers at former levels. Business lacked snap but demand from local and other consumers was fairly active.

Stearic Acid.—Quotations were unchanged and the tone of the market appeared to be firm. There was a steady movement into local and outside consuming channels on contracts. New business was fair.

Markets at Other Centers

Chicago, Mar. 26.—There is talk of a somewhat firmer market situation in some of the fatty acids materials, although in most cases it appears prevailing prices are little changed from levels in effect for some little time. Orders from buyers have kept up at a good rate, sellers report, with some of the large consuming industries ordering quite actively.

FATTY ACIDS.—Corn oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; coconut oil, acidulated, 9c. to 9¼c., tankcar, partly nominal; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c. barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 4c. to 4½c.; boiled down soap stock, 65 percent basis, 5c. to 5⅛c.; cottonseed foots, 50 percent basis, 2⅞c. to 3c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

RED OILS.—Distilled or saponified, drums, 11½c. to 12½c. per pound; barrels, 11⅝c. to 12⅝c.

Waxes

Bees.—The spot market was one of unchanging strength. Although stocks of refined yellow and bleached wax will be increased when bleaching operations get under way, the cost of the crude wax from which they will be made this year was high and hence the general opinion was that prices would be firmly maintained. Demand for wax continued to be very good, especially from the cosmetic trade. According to statistics received from Lisbon, Portugal, stocks in Lisbon on December 31, 1935, totaled 2,766 bales weighing 230 pounds each. Arrivals on that market from January through December, inclusive, in 1936, totaled 16,582 bales. The total handled or available was 19,348 bales. Exports from Lisbon from January through December, 1936, totaled 18,512 bales of 230 pounds each.

Candelilla.—A somewhat irregular consuming request was current last week, but on the whole the market was steady as to price and not overly well supplied with prompt delivery stocks.

Carnauba.—Demand continued to be light to moderate. The call was irregular most of the time last week, but prices continued to be fairly well maintained regardless thereof. Views of shippers in Brazil were generally firm and their offerings were small enough to encourage the view that unsold parts of the new crop were none too large. Locally, there seemed to be less resale wax seeking a market than had been true a short time back. Such material appeared to have been moved into consumption fairly well, leaving spot importers and dealers in a position to maintain prices as stable as possible notwithstanding the lack of immediate consuming demand for spot goods. Production in Brazil was 10,000 metric tons in 1936. In 1935 it was practically the same figure. Total exports from the primary market in the first nine months of 1936 aggregated fifteen million pounds, or approximately the figure that covered total exports in 1935. The United States took twelve and a half million pounds in 1936, comparing with ten and a half million in the preceding year.

Japan.—The market was fairly steady, but actual demand was not very active and the firmness of spot prices was caused more by the prevailing replacement cost than by the interest shown here by manufacturing consumers.

Hazardous Freight Rules Simplification Is Planned

(Continued from page 3)

conference sponsored by the American Management Association.

The proposal will be submitted to manufacturers and carriers some time in May, Mr. Campbell said. The subsequent procedure will be for shippers to request that the changes be made, whereupon the topics will be docketed for hearing.

Carboys are now graded in the manner suggested by the bureau for other containers, the primary purpose, Mr. Campbell said, being to determine that a container will safely and adequately carry its contents to their destination. For this purpose it is believed that the best criterion is a test of the capability of a container in this respect. Such a test would include drop testing, hydrostatic testing, impact testing, in the case of containers for liquids; compression testing, drop testing, and impact testing for containers for dry substances. Other essential tests would be used as circumstances indicated.

The difficulty of understanding the involved descriptive specifications was noted by Mr. Campbell, and he emphasized the handicap laid by such specifications on the development and use of containers of new types.

In addition to simplifying the specifications the bureau also has in mind a rearrangement of the list of these requirements which would greatly facilitate the finding of information desired in any case. As Mr. Campbell described this purpose, for which suggestions have been made by several associations of manufacturers of hazardous articles, its basis would be the charting of all relevant data in an alphabetical list of hazardous articles.

The first column of the chart would contain the name of each article. The second column would give the group classification. In other columns would be given, in order:—(1) The label required; (2) exemptions; (3) packaging requirements in detail with reference to the applicable paragraph of the tests; (4) information on outside containers; (5) references to shipping order requirements, required markings, and other provisions affecting the article.

Under the direction of R. W. Lahey, of the American Cyanamid Company, who presided over the bulk packaging conference, the suggested changes in the regulations for shipping hazardous articles were discussed by T. P. Callahan, of the Monsanto Chemical Company, who is chairman of the container committee of the Manufacturing Chemists Association; M. F. Crass, of E. I. duPont de Nemours Co.; C. W. Clark, of E. I. duPont de Nemours & Co.; F. X. Hogan, of the Container Corporation, and Henry Cramer, of the Carpenter Container Company.

There was a general agreement that the suggested method was desirable. The discussion brought out that the general provisions of the regulations would not be changed; that the proposed system need not interfere with trade efforts to standardize sizes and dimensions of containers; that the engineering staff of the Bureau of Explosives would confer with interested industries in working out satisfactory tests; that individual tests would take into consideration the size of the container and the use of inner containers; that every effort would be made to cover limitations necessary for safe transportation.

It was the feeling, expressed by several speakers, that manufacturers of hazardous articles and of containers must give thorough consideration to every item to which the change in the system would apply, in order that adequate information might be available when the matter comes to docket hearings.

Bids Wanted

Activated Carbon:—3,500 pounds; Contracting Officer, Quatermaster Corps, Fort Monroe, Va.; procurement 570-58, opening April 2.

Alum:—44,530 pounds; Quatermaster, Marine Corps, Washington; schedule 707, opening April 5.

Ammonium Sulphate:—600 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-58, opening April 2.

Antiseptic Solution:—Quartermaster Depot, Chicago; procurement 199-222, opening April 5.
Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Asphaltic Oil:—43,400 gallons; State Procurement Officer, Treasury Department, Newark, N. J.; procurement 20572, 20574, and 20575, opening March 30.

Borax:—Supplies of; Quartermaster Depot, Chicago; procurement 199-222, opening April 5.
Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Brushes, Tooth:—Supplies of for various deliveries; Quatermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Caulking Compound:—280 gallons; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurement RA-2995-N, opening April 5.

Containers, tin, and packing boxes:—Supplies of for delivery at Washington; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 218, opening March 30.

Copper Sulphate:—8,000 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-58, opening April 2.

Cube Root Powder, Ground:—250 pounds; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 9454 ,opening March 30.

Enamel:—1,000 gallons; Quartermaster, Fort Bragg, N. C.; procurement 159-69, opening April 5.

Fuel Oil:—150,000 gallons; U. S. Engineer Office, Philadelphia; circular 391, opening March 31.
45,000 gallons; U. S. Engineer Office, Philadelphia; circular 390, opening March 31.
60,000 barrels, bunker C; General Purchasing Officer, Panama Canal, Washington; schedule 3235, opening April 8.
Supplies for regions 1 and 2, from April 1 to June 30; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurements 8199-FO and 8198-FO, opening March 31.

Floor Wax:—510 gallons; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurement RA-2934N, opening March 31.

Hydrated Lime:—25,000 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-58, opening April 2.

Hypodermic Tablets:—7,500 tubes, 20 in tube, ⅛ grain; for Chicago and Perry Point; Procurement Division, Veterans Administration, Washington; procurement 635, opening March 31.

Ink, Stamp Pad:—800 bottles; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-165, opening April 6.

Insulation:—12,984 pounds; Procurement Division, Bureau of Supplies Treasury Department, Federal Warehouse, Washington; procurement RA-2995-N, opening April 5.

Liquid Bluing:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Liquid Chlorine:—2,100 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-58, opening April 2.

Metal Polish:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Metal Polish:— Supplies of; Quartermaster Depot, Chicago; procurement 199-222, opening April 5.

Mucilage:—1,000 bottles; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind., procurement 431-165, opening April 6.

Naphthalene, Flake:—8,800 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-164, opening April 1.

Paint:—2,870 gallons, various; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurement RA-2934-N, opening March 31.

Paraffin Oil:—6,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 558, opening March 31.

(Continued on page 54)

N.Y.P.V.L.A. Jubilee to Be Colorful Assembly

(Continued from page 5)

which was then a going organization, and a delegation of four came down from Boston to assist in organizing. The dinner was held on a very stormy evening and the organization was formed as the Paint, Oil & Varnish Association of New York.

After a year in office, General Molineux was succeeded by Henry Merz, of Heller & Merz, and R. P. Rowe was chosen president in the third year of the association's life. Years later, both Mr. Merz and Mr. Rowe were succeeded in the presidency by their sons, Eugene Merz in 1913 and Harold Rowe in 1930.

The gay nineties began with M. D. Eger, of A. B. Ansbacher & Co., in the chair, and other presidents in their order in that decade were Aquila Rich, of the D. B. Crockett Company; A. B. Garner, of the Murphy Varnish Company; J. A. Elmendorf, of Edward Smith & Co.; George W. Fortmeyer, of the National Lead Company; C. H. Patrick, of H. W. Johns, which is now a part of the Johns-Manville Corporation; Charles T. Pierce, of the F. O. Pierce Company; Runyan Pyatt, of Rogers & Pyatt, now the Gillespie-Rogers-Pyatt Company, and W. H. Andrews, of Pratt & Lambert.

Succeeding Presidents

At the turn of the century, S. V. V. Huntington, of Edward Smith & Co., was elected president, and was succeeded in the following year by John Dohse, of John W. Masury & Son. J. M. Peters, of the National Lead Company and former managing editor of the OIL, PAINT AND DRUG REPORTER, was president the following year, and N. B. Arnould, of the Keystone Varnish Company, H. L. Waldo, of E. M. & F. Waldo, and W. E. Lucas, of the John Lucas Company, were successors in that order.

S. M. Evans, of the Eagle-Picher Lead Company, was president in 1906 and was followed in the chair by Frank P. Cheesman, who is now the oldest living ex-president of the association. R. H. Lersner, of the Chilton Paint Company, succeeded Mr. Cheesman, and Mr. Lersner was followed by J. R. Bouck, jr., of Pratt & Lambert. W. H. Phillips, of Devoe & Raynolds, whose son was secretary of the association in later years, occupied the chair in 1910, and Albin G. Schumann, of the Hilo Varnish Corporation was his successor. Luthur Martin, of the Wilkes-Martin-Wilkes Company, and Eugene Merz, of Heller & Merz, were next. The wartime presidents were Randall O. Walker, of the Thibaut & Walker Company; Frank Woolsey, of the C. A. Woolsey Paint & Color Company; Henry S. Chatfield, of the Kasebir-Chatfield Corporation, now part of the Mac-Lac Company; and D. W. Edgerly, now with the Titanium Pigment Company. T. E. Kearns, of the National Lead Company, was that company's fourth president of the organization, and he was succeeded by Hoskison Gates, of the Eagle-Picher Lead Company.

In 1920, Harry J. Schnell, of OIL, PAINT AND DRUG REPORTER, was chosen president, and he was succeeded by William E. Harmon, of the Harmon Color Works, in 1921; David E. Breinig, of Breinig Brothers, Inc., in 1922, and Herman D. Ruhm, of Marden, North & Hastings, in 1923. E. V. Peters, then of the New Jersey Zinc Company and now of the St. Joseph Lead Company, served a short term from May to October, 1924, and when Mr. Peters left the industry for other fields, Charles J. Roh, of the Murphy Varnish Company, became president. Henry L. Calman, of Emil Calman & Co., was followed by Henry G. Sidford, the National Lead Company's fifth president of the association, and Horatio L. Wilkinson, of the Debevoise Company. William R. Morpeth, of E. I. DuPont de Nemours & Co., was president in 1927, and J. W. Robson, of Standard Varnish Works, followed Mr. Morpeth. Harold Rowe, of the National Lead Company, was next in line and he was succeeded by Ralph M. Roosevelt, then of the Eagle-Picher Lead Company and now associated with the Titanium Pigment Company. Ralph H. Everett, of the Keystone Varnish Company; James S. Wolf, of the Standard Varnish Works, and E. S. Blackledge, of the Devoe & Raynolds Company, preceded Harry R. Hillman, of the Eagle Paint & Varnish Company, the present incumbent.

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SAYVILLE, N. Y.— about 50 miles from New York City

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Spermaceti Red Oil Glycerine
Ceresine Stearic Acid
WARRANTED PURE BEES WAX

Drugs, Fine Chemicals

Decline in Crude Prices Fails to Weaken Refined Glycerin—Corn Syrup Up—Domestic Menthol Output Gains—Santonin Down Again — Cocoa Butter Shaded

Most manufacturers of fine chemicals reported business to be holding up very well. While some of them seemed disposed to look forward to a slackening of demand during the Summer months, others had reason to think that consumption would be well maintained and that manufacturing operations would hold at a comparatively high level during the months immediately ahead. The undertone of the market as a whole was one of substantial firmness. Prices were generally well maintained and competition appeared to be insufficient to create conditions unfavorable for the continued maintenance of values.

One factor indicative of definitely changed conditions was the lower prices that have at last developed on crude glycerin. Production has at last shown an accumulation in the hands of domestic soapers. Foreign crude has come in at more favorable prices. Together, these conditions have created a crude market substantially easier than the strong, tight situation prevailing previously. The production of refined glycerin continued to prevent any substantial accumulation of refined in the hands of producers and prices were expected to hold.

Cocoa butter was lower under competition. Santonin was down once more but a steadier market was expected to develop when Spring business comes to the market. Corn syrup was higher as the result of increased cost of production.

Domestic production of menthol has increased supplies of USP, technical, and liquid material, but the prices were not openly competitive with those named on Japanese goods. Mercurials were firm, reflecting the well maintained prices for quicksilver. Tartar products tended to become firmer in keeping with the recent strengthening of prices.

Acetanilide.—Inquiry was very fair most of the time last week and sales volume was said to be holding up very well, considering the season. However, a somewhat slower movement was expected to come when Spring shall end the special requirements of Winter.

Acid, Acetylsalicylic. — Business was routine but volume was still very good and the general undertone of the market continued to be one of firmness. Stocks were reported to be ample.

Acid, Benzoic.—Demand was still very good. The movement of U.S.P. quality acid compared favorably with that in recent periods and the general market undertone remained firm as a natural result. Prices were fully maintained.

Acid, Citric.—Sellers were looking forward to the wider demand that late Spring and early Summer should bring. In the meantime, values seemed to be fairly firm. Production by the fermentation method in Czechoslovakia has been reported, sugar-beet molasses being the raw material used on a commercial scale since 1931. A table of Czechovlovakian statistics follows:—

	Metric tons			
	Production for—			
	Consumption.	Export.	Imports.	Total consumption.
1931.....	41.0	370	17.2	58.2
1932.....	100.1	433	12.2	112.3
1933.....	112.5	518	21.0	133.5
1934.....	174.3	650	4.0	178.3
1935.....	192.9	577	0.1	193.0
1936.....	181.7	729	0.4	182.1

Acid, Tannic. — Demand for fluffy acid was normal and productive of a satisfactory volume of sales. Prices were held to a very steady position in the absence of much in the way of basic competition.

Agar Agar. — A market of narrow proportions but exceptionally strong basis prevailed on the spot. The strength was based on the total absence of unsettlement in the primary market. Shippers were very firm in their views, had not a great deal of stock to offer, and were independent so far as entertaining bids was concerned.

Alcohol.—Denatured alcohol used on industrial account continued to move in a volume productive of steady to firm prices. Business was about all expected at this time and the general report was that call would continue to be good during the season spreading ahead. Prices for the second quarter of this year will be those currently in force during the past week. This was an evidence of the stabilization that has been achieved in the market during the past several weeks.

Aloin.—While demand was not large, it was sufficient to make spot prices generally steady. Also, the raw material cost operated to produce a stable price position on derived material.

Bismuth Metal and Salts.—As yet, no changes have been made in prices on the minor salts and information in hand last midweek indicated no changes were in mind at this time. The lower quotations reported on subnitrate, subcarbonate, and subgallate during the previous week served to check the competition that brought the downward revision notwithstanding the lack of change in the price on raw material.

Cadmium.—So far as metal was concerned, the market was practically nominal. Every pound of metal produced moved at once to manufacturing consumers and hence only those with orders booked well ahead could count on receiving anything. World consumption was running ahead of the ability of miners to produce.

Caffeine.—Wider call was expected to develop for the alkaloid and buyers will find the market firm and well stabilized at the beginning of season of larger manufacturing requirements. Undertones continued to be firm last week.

Castor Oil.—The market was steady and subject to a call productive of well maintained prices and a minimum of much competition in local circles. Production was sufficient to care easily for the current requirements of buyers for consumption.

CHICAGO, Mar. 25.—Castor oil is moving in substantial quantities. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 11c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Chrome Sulphate.—The market was steady and well stabilized. Prices covering pearls in 100-pound drums stood at 40c. per pound; powder, 100-pound drums, 45c.; scales, 100-pound drums, 45c. Demand was about normal in all respects.

Cocoa Butter.—The market has eased somewhat and late last week the car-lot price on this item was 25½c. to 26c. per pound. Demand was narow and stocks available for consumption were declared to be substantial in size.

Corn Syrup.—Prices on this item were advanced 10c. per 100 pounds last week in order to cover the rising cost of production. New quotations were:—42 degree, $3.91 per 100 pounds; 43 degree, $3.96.

Cream of Tartar.—Prices were firm to steady, reflecting the recent rise in production cost and the general improve-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Corn syrup, 42 degree, 10c. per 100 lbs.
43 degree, 10c. per 100 lbs.

Reduced

Cocoa butter, ¾c. per lb.
Glycerin, soaplye, 5c. per lb.
saponification, 6c. per lb.
Santonin, $1 per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.4	181.4	181.5	187.5

Market news that may have developed after this report was sent to press will be found on page 4.

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Highest Quality — Best Prices
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"When you think of MILK SUGAR think of S-K-F"

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fine chemicals
FORMALDEHYDE
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HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: GARFIELD, N.J. - PERTH AMBOY, N.J.

ment that accompanied that event. Demand for cream was reported steady and productive of a normal volume of trade.

Ephedrine.—Movement into consumption was said to be slightly less active than it had been. During the Winter period, the call had been active and maintained at a satisfactory level. However, prices remained steady last week irrespective of the lack of large demand during the period reviewed.

Epsom Salt.—Trade was routine. Buyers were in the market for normal quantities and the business was done in company with prices declared to be firm in most quarters and lacking in any signs of early unsettlement.

Formaldehyde.—Interest shown in this article compared favorably with that prevailing for some time past. In view of the fairly steady position of raw material prices, quotations on the derived article were well maintained. Production was adequate.

Glycerin.—Crude material has turned easier. Soaplye was quoted at 22c. per pound, and forced sales of that article were known to have been made at 20c.; such sales involved distressed stocks. Saponification was quoted at 23c. per pound. The turn in favor of buyers has been caused by the increase in available stocks. Soap production since the first of the year has been excellent, dovetailing with the increased output noted in the last quarter of 1936. Foreign crude has been able to come on this market also at prices productive of an easier undertone. So far as chemically pure and dynamite glycerin were concerned, however, prices were still very firm. At no time was the advance in quotations sufficient to reach a price level which the cost of crude would have warranted and hence prices remain firm at this time when crude has become easier and cheaper. As to the future, it was said last week that refiners would probably curtail their purchases of crude during the second and third quarters of this year. This should result in an accumulation of crude stocks sufficient to keep prices to a downward tendency. However, there were well informed quarters who were doubtful of the success of such an operation and in such directions the tendency was to look for a mild scramble for tonnage in the third and fourth quarters of this year. In the meantime, the production of most refiners was moving promptly into consumption and in most instances they were still unable to accept all the business tendered them by buyers for consumption and otherwise.

CHICAGO, Mar. 25.—Business in c.p. and other grades of glycerin remains moderate in volume. Buyers are taking out material readily on contract, and a firm, steady tone is noted all around. Ruling prices of representative sellers are:—C.p., drums, car lots, 29c. per pound; drums, less than car lots, 29½c.; cans, less than car lots, 30c. to 32c., according to quantity; dynamite, car lots, 29c.

Iodine and Iodides.—Competition for business in potash iodide continued to be keen but prices failed of further decline. Also, the position of tincture was none too steady because of the situation in potash iodide. Crude iodine was in excellent supply and the price was cheap enough to discourage competition from sources of supply other than Chile.

Menthol. — Domestic production of synthetic methol has broadened and added a new product in the form of liquid menthol. Prices named for domestic production were as follows:—Synthetic, U.S.P., $3.25 per pound; technical, $2.25; liquid, $1.60. The price of natural U.S.P. menthol from Japan was $3.25 to $3.35 per pound. It will be noted that the domestic U.S.P. material was priced identically with the Japanese item, and that the quotations on domestic output of technical sort was the same as that named on imported goods not U.S.P. in specifications.

Mercurials.—A market of firm undertones reflected the continued strength noted in raw material. Demand for corrosive sublimate and calomel was well up to the peak usual for both of those items and the prices thereof were very firm.

Methanol.—Contracts covering deliveries during the next quarter were said to involve substantial quantities of material and the bookings added to the already very firm position of the entire methanol group.

Methyl Acetone.—The market was firm as regarded undertones but it was also competitive as concerned the natural and synthetic products—although the official price schedule on each was the same. Demand was very good last week.

Potash Guaiacolsulphonate. — Consumption during the past Winter was very good and prices occupied a firm position at all times. At the moment some contraction in trade has developed but values still remained very steady.

Quicksilver.—The market remained firm because of the fact that domestic production was none too plentiful, and because foreign metal was available only at prices which would check any tendency to shade local values under competition. Demand was fairly good, being more than sufficient to keep prices well maintained throughout the period.

San Francisco, Mar. 23.—Quicksilver continues to be a routine item. Inquiries from eastern consumers are light and none give any hint of a pressing need for metal. Intensive rains have during the last two weeks discouraged production but the industry is keyed up to produce more metal than it has in a number of years.

Quinine.—The market was firm. Movement into consumption and on export account was very good and kept undertones generally free from unsettling influences. Columbia was reported using more quinine steadily, the imports into that country being:—1931, 11,851 kilos; 1932, 15,190 kilos; 1933, 19,314 kilos; 1934, 26,243 kilos, and 1935, 23,476 kilos.

Santonin.—Prices on this item were lowered again, being $25 to $26 per pound at the season when demand could reasonably be expected to expand substantially. A steadier market was expected to come with the broadening of the call.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce—Bullion—		
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	33⅛	45¼	20⅞
Monday	33⅛	45¼	20⅝
Tuesday	33⅛	45¼	20⅝
Wednesday	33⅛	45	20⅞
Thursday	33⅛	45	20⅞
Friday	33⅛	45	*

* Holiday.

Teeter to Go to Europe

Captain A. A. Teeter, of Charles Pfizer & Co., fine chemicals, this city, will sail for Europe on April 1, accompanied by his son and two cameras. The departure will be on the steamship Bremen and the seven-week trip includes England, France, Germany, Switzerland and Italy. Captain Teeter is an amateur photographer with an international reputation. He is an associate of the Royal Photography Society of Great Britain and has exhibited often in the European salons.

Rubber synthesis on a commercial scale will be started early in 1938 in a plant now being erected in Schoplau, Germany. The product is called "buna."

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

C/P
CHEMICALLY PURE GLYCERINE U. S. P.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
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TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N. Y.
MUrray Hill 6-1990

PLYMOUTH BRANDS
STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
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The Standard of Quality for Ninety Years
PATTINSON'S BRAND
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OXIDE • HYDROXIDE • CARBONATE
U. S. P. AND TECHNICAL
SCHOFIELD-DONALD CO., INC.
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RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P. — FLAG BRAND — All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
Stocks carried in New York and other cities
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK

METHYLENE CHLORIDE
(Dichlormethane)
•
also
Low Boiling Chlorinated Solvents
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Write us for quotations
BELLE ALKALI COMPANY
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MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular Impalpable
NATIONAL MILK SUGAR CO., Inc.
350 Madison Avenue, New York, N. Y.

MENTHOL
pure, natural, crystals
U.S.P. XI
•
Schimmel and Company, Inc.
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PRIVATE FORMULA WORK
LINIMENTS
See our set-up, equipment and splendid facilities for handling any part or all of your manufacturing. Compare our quotations with your present costs. Conveniently established in the Metropolitan District. A preliminary consultation places you under no obligation.
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EHRMANN-STRAUSS CO., Inc.
202 W. Houston Street, New York
"IF IT'S A DRUG • WE HAVE IT"

A.P.M.A. Urges Early Passage of Drug Act

(Continued from page 3)

National Drug Trade Conference, by Carson P. Frailey, president.

Drug, Chemical and Allied Trades Section of the New York Board of Trade, by Joseph A. Huisking, chairman.

Greetings were communicated also in letters from Horace W. Bigelow, general counsel of the American Drug Manufacturers Association; E. F. Kelly, secretary of the American Pharmaceutical Association; Frank A. Blair, president of the Proprietary Association; Leo A. Lanigan, president of the National Wholesale Druggists Association, and E. L. Newcomb, executive

George R. Flint
Retiring A.P.M.A. President

vice-president and secretary of the National Wholesale Druggists Association.

Committees appointed to perform special functions in the convention were named by President Flint as follows:—

Auditing—H. W. Bowman, S. W. Fraser, and James L. Dow.

Nominating—J. H. Foy, Carl Angst, and Elliott Frosst.

Resolutions—B. F. Asher, E. T. Kirkland, and Charles Wesley Dunn.

B. L. Maltbie, supplemented by Ralph R. Patch, told of the progress that had been made in the preparation of a history of the association. This undertaking, first suggested some twenty years ago, is almost completed, and publication of the historical record is expected before May 1.

A brief report was made by C. W. Warner, of the Maltbie Chemical Company, as secretary. Frank A. Mallett, treasurer, reported receipts totaling $17,495.94 during the year; expenditures of $14,729.37; and a cash balance of $9,775.11.

President's Address

Urging faith and reasonableness in looking upon existing and expectable conditions, President George R. Flint declared that the blue sky of opportunity lay behind such clouds as may temporarily obstruct vision and that to harbor pessimistic thoughts of the future was an admission of weakness. Change is inevitable, he said, a necessary accompaniment of progress; it should be viewed as it affects the general welfare, and its effects on the pharmaceutical industry, whatever its direct industrial application, should be looked for in the full economic picture. Even air-conditioning, he said, may result in new problems of health, through lessening the appreciation of the value of getting outdoors.

The effects of blazing illuminated signs, of automobile headlights, of motion pictures upon the eyes were mentioned by Mr. Flint as reasons for studying the ultimate fate of optic nerves. The development of radio transmission, he said, may make absent treatment a real medical service, at least in televistic diagnosis. It might bring large increases in the use of cosmetics, he surmised, because television, hooked up to the telephone, would make early morning appearance important to womankind.

Speed as a modern factor was also treated by Mr. Flint—speed in everything from shaving and eating to motoring and flying, from laundry service to office routine. Speed urged in advertising on the radio. Still the average of span of life grows longer, he said—it is difficult to evaluate the effects of conditions on the human race, but a life expectancy of sixty years at ninety miles an hour seemed to him doubtful.

Mr. Flint concluded with the following advice:—

These crude suggestions have been presented to you for the purpose of illustration. You, of course, are aware of many other trends that are taking place, all of which require analysis if we are to properly tune our industry to their requirements. I state once more that, in supplying these requirements, we are afforded a challenging opportunity.

And, as we struggle with these complex problems, we must not lose sight of our ultimate goal. We must not become so engrossed in their solution that we forget the real purpose in life. Certainly we cannot consider ourselves successful, even should we analyze every trend correctly and prescribe properly for every new requirement, if we neglect our spiritual lives. We cannot find true success and happiness in material things alone. Material wealth cannot constitute human happiness. Real happiness can only be acquired by the peace of mind resulting from proper living. Very definite standards are prescribed for the conduct of our lives. These we must follow if we are to have true success.

Legislative Suggestions

Protection of the public and taxation are the legislative objectives to which all must give most attention, said Bern B. Grubb, of the Lafayette Pharmacal Company, in a commentary on legislative developments. Proposals seeking legislative ends are the guide to legislation to come, he said, urging careful attention to the legislative service bulletins issued from the office of the association's counsel,

Frank A. Mallett
Re-elected A.P.M.A. Treasurer

Charles Wesley Dunn, and asking all to watch widely for developing legislative trends.

No pending or proposed legislative measures were discussed by Mr. Grubb, but he commended for ability the commentaries of Mr. Dunn on the movement for revision of the Federal food and drugs act.

Charles Wesley Dunn presented a comprehensive analysis of the movement to revise the food and drugs act and discussed other legislative conditions.

Supreme Court Reform

Mr. Dunn spoke particularly with reference to the proposals to reform the Supreme Court of the United States. While concurring in some of President Roosevelt's proposals for social and economic reforms, he was opposed to the attempt to tamper with the supreme court. He stated that he was not in sympathy with certain recent decisions of the supreme court, but he added that he, likewise, did not approve of the President's efforts to reorganize the nation's highest tribunal. He said:—

Once you empower the President or Congress to manipulate the supreme court to control its decisions, you lose the vital protection it affords to our free institutions. The supreme court has a vital place in our Federal government and in the American ideal of constitutional government, and to maintain that place, the independence of its constitutional decisions must be kept absolute and inviolate. Above all else, it must be preserved from any tampering by Congress or by the President, whereby it becomes subservient to either.

Quoting the recent comment by Chief Justice Hughes, Mr. Dunn declared that the answer to the President's proposal was "an uncompromising no," continuing, he said:—

This answer is not to be revised because the immediate practical objective of this legislation may be good; or because the decision it seeks to reverse may be wholly or partly bad. Likewise, this answer is not to be revised because of confidence in President Roosevelt and in his high ideals and purposes, and because it is thought that he would not abuse the power thus vested in him. The question presented is not whether he will abuse this power, but whether such power should be vested in any President.

Moreover, this answer is not to be revised upon any such narrow legalistic ground as that this legislation is technically constitutional. Rather it is whether it violates the fundamental purpose, spirit and conception of the constitution. And in this larger, far more important and decisive sense, this legislation is offensive to our constitution.

Mr. Dunn said that he stood four-square with the President's desire to procure legislation for the constructive control of agriculture, the improvement of labor conditions, and the abolition of starvation wages for women. He declared that no right-thinking person could be opposed to the prompt achievement of this social and economic legislative program.

The memorials committee had no formal report. B. L. Maltbie, chairman, called attention to the gratifying fact that, for the first time in the twenty-seven years of the association, there was no death of an active member to be noticed.

Contact Committee

Reporting for the contact committee on pharmaceutical standards, Dr. Charles E. Vanderkleed, of the McNeil Laboratories, told of the investigations made by the committee during the past sixteen months (the previous report was made to the technical meeting in December, 1935). This committee, jointly representative of the American Pharmacutical Manufacturers Association and the American Drug Manufacturers Association, had furnished current reports of its work to the members of the association; hence, Dr. Vanderkleed offered merely a brief summary.

Endorsement had been given to the plan by the U.S.P. revision committee to issue annual supplements to the pharmacopeia, and the first issue, Dr. Vanderkleed said, would shortly be published. He mentioned as a feature of this the recognition of potable water in certain processes. He referred also to the adoption of reference aconitine for assay purposes, permission to age and filter fluidextracts, improvement in the assay method for nux vomica, permissive adjustment of the strength of camphorated tincture of opium, and simplification of the assay of zinc oxide ointment. A number of problems still under consideration were mentioned by Dr. Vanderkleed, and he told of the purpose of the committee to return to cooperation with the Food and Drug Administration in the development of

(Continued on page 50)

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To insure acceptance incorporate VITAB Concentrates in your formulas that contain Vitamin B Complex.

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San Francisco, Cal. Emeryville, Cal.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-sixty-ninth Instalment

Lanolin

(Continued from March 22 issue)

Reagents Used in Hydrogenation of Lanolin

Gasoline
Petroleum
Texene
Water gas

Saponifiers for Lanolin

Alcoholic alkali solutions
Alkali with heat under pressure

Solvents for Lanolin

Alcohol (slightly soluble)
Chloroform
Ether
Gasoline
Hot alcohol
Naphtha
Petroleum ether

Substitutes for Lanolin

Cetyl alcohol with petrolatum
Eucerin (mixture of alcohols of the iso- and oxycholesterin group with petrolatum)
Lanochol
Vita lanochol
Wax No. 181

Lard

Antioxidants for Lard

Diphenols
Hydroxymethylanethol
Maleic acid
Mesodipropylacridane
Mesomethylacridane
Mesomethylbutylacridane
Propenylguaethol
Triphenols

Detection of Tallow and Hardened Fat in Lard

By difference of melting points of the insoluble glycerides:—Lard (alphpalmitodistearin), tallow (betapalmitodistearin)

Emulsifying Reagents for Lard

Acenaphthalene
Acenaphthalenedisulphonic acid
Acenaphthalenesulphonic acid
Ammonium betatetrahydronaphthalenesulphonate
Ammonium butyrate
Ammonium salts of sulphonated japan wax
Amyloamine
Anthracenedisulphonic acid
Anthracenesulphonic acid
Aqueous dispersions of alkyl esters of aromatic sulphonic acids
Aqueous dispersions of cycloalkyl esters of aromatic sulphonic acids
Butylnaphthalenesulphonic acids
Butyl ricinoleate
Cumenedisulphonic acids
Cumenesulphonic acid
Emulsifier B585
Emulsone B
Ethylnaphthalenesulphonic acid
Ethanolamine
Ethanolamine palmitate
Ethyl ricinoleate
Glycol mono-oleate
Glycopon
Guaiac saponin
Heptyl alcohol
Hydroxystearic diglyceride
Invadine
Mesitylenedisulphonic acid
Mesitylenesulphonic acid
Methyl oleicsulphonate
Methylethyleneglycol monopalmitate
Methylnaphthalenesulphonic acid
Miscibol
Monobutylnaphthalenesulphonic acid
Monostearates
Oleic cyclohexylamide
Oleyldiethylethylenediamine
Palmitone
Phenanthrenedisulphonic acid
Phenanthrenesulphonic acid
Potassium betatetrahydronaphthalenesulphonate
Potassium hydroxide
Potassium salts of sulphonated japan wax
Ricinoleic acid
Saponin
Soap
Sodium betatetrahydronaphthalenesulphonate
Sodium butylnaphthalenesulphonate
Sodium carbonate
Sodium 1:6-chloronaphthalenesulphonate
Sodium cresylate
Sodium hydroxide
Sodium methylnaphthalenesulphonate
Sodium oleate
Sodium propylnaphthalenesulphonate
Sodium salts of sulphonated japan wax
Sodium silicate
Solvoil
Stannic tetraphenyl
Stearicamide
Sulphonated oils
Tall oil amide
Triethanolamine
Tetrahydrobenzene
Triethyleneglycol
Trihydroxyethylamine
Trihydroxyethylamine linoleate
Trihydroxyethylamine oleate
Trihydroxyethylamine stearate
Turkelene
Turkey red oil

Preservatives for Lard

Benzoic acid
Boric acid
Dimethylglycol
Glycerin
Pimento oil
Polyhydric alcohols
Propyleneglycol
Trimethyleneglycol

Solvents for Lard

Acetic acid, glacial
Acetone
Acetylene tetrachloride
Alcohol
Amyl alcohol
Benzene
Benzin
Butyl alcohol
Caprylic alcohol
Carbon bisulphide
Carbon tetrachloride
Chloroform
Crotonic aldehyde
Diacetone alcohol
Ether
Ethyl acetate
Ethyl chloride
Heptane
Hexalin
Hexane
High molecular alcohols
Hydrocarbons
Hydrogenated phenols
Isoamylnaphthalenesulphonates
Methylcyclohexanol
Naphthols
Paraldehyde
Pentane
Petroleum ether
Potassium isoamylnaphthalenesulphonate
Selenium oxychloride
Sodium propylnaphthalenesulphonate
Tetralin
Tetrahydronaphthalene
Toluene
Trichloroethylene
Turpentine

Substitutes for Lard

Coconut oil
Cottonseed oil (partially hydrogenated)
Cottonseed oil stearin
Corn oil
Horse fat
Hydrogenated fats
Hydrogenated oils
Lard stearin with beef or mutton stearin
Palm oil
Palmkernel oil
Peanut oil, hydrogenated
Sesame oil, hydrogenated
Sunflower oil, hydrogenated
Whale oil, hydrogenated

Lard Oil

Adulterants or Impurities in Lard Oil

Cottonseed oil
Petroleum oils

Catalysts for Hydrogenation (Hardening) of Lard Oil

Carbon
Chromium, colloidal
Cobalt
Cobalt acetate
Cobalt formate
Cobalt hydroxide
Cobalt lactate
Cobalt oxide
Copper
Copper acetate
Copper formate
Copper hydroxide
Copper lactate
Copper nitrate
Copper oxide
Diatomite
Iron
Iron acetate
Iron formate
Kieselguhr
Lead-methyl
Mercury-methyl
Molybdenum
Nickel
Nickel acetate
Nickel carbonate
Nickel carbonyl
Nickel formate
Nickel hydroxide
Nickel lactate
Nickel nitrate
Nickel oxide
Palladium
Palladium, colloidal
Palladium chloride
Platinum
Platinum, colloidal
Platinum group metals
Potassium chloroplatinate
Silver
Silver, colloidal
Silver oxide
Thallium-methyl
Tin-methyl
Tungsten
Vanadium
Zinc-methyl

Catalyst Carriers in Hardening Lard Oil

Asbestos
Clay, burnt
Diatomite
Kieselguhr
Metal cylinders
Nickel
Petroleum coke
Pumice

(To be continued)

HEADQUARTERS
for
AMERICAN BOTANICALS
Whole and Milled

WE CARRY THE LARGEST AND MOST COMPLETE STOCKS OF DOMESTIC BOTANICALS IN THE WORLD—AND WE HAVE OUR OWN GATHERING ORGANIZATION! THESE FACILITIES ENABLE US TO SUPPLY YOU STRICTLY LATEST CROP MATERIALS AT FIRST HAND PRICES.

MAY WE QUOTE ON YOUR NEW CROP REQUIREMENTS?

WIRE OR WRITE FOR SPECIAL QUOTATIONS

S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

A.P.M.A. Urges Early Passage of Drug Act

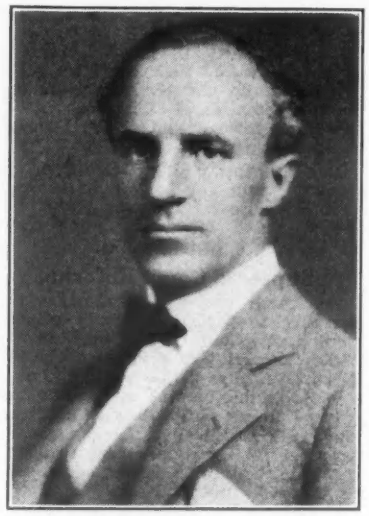
(Continued from page 49)

suitable assay methods and desirable tolerances.

The spirit of cooperation existing between the committee and the revisers of the National Formulary was commended by Dr. Vanderkleed.

Better Business Practice

In a paper on "Some Observations in the Pharmaceutical Industry," Paul Klemtner, of Klemtner & Co., business



Charles Wesley Dunn
A.P.M.A. General Counsel

counsel, commended the exchange of operating statistics by many members of the association. This, he said, contributed largely to the progress of the industry.

He said that not enough attention had been given to adequate knowledge of costs, aggressive selling, sound methods of compensating salesmen, hiring and training of salesmen, planned sales promotion, originality of specialties, excessive numbers of products and of sizes, sounder credit methods, improvement of mechanical equipment, extension of original research. Some improvement had been made in all these respects, he said, and improvement is going on in most instances.

Mr. Klemtner spoke of the necessity of proper cost accounting, calling attention to the association's uniform system and the application of the knowledge thus obtained in developing a well-balanced sales program. He urged that salesmen be directed more vigorously, deploring the practice of letting them largely dictate selling policies and practices.

Better selection of advertising mediums was suggested. Checking of sampling wastes was advised. Mr. Klemtner pointed out the unsatisfactoriness of credit conditions three years ago when the average of sales outstanding was more than three and one-half months. This had been reduced by one-third at the end of last year, he reported, but ranged in individual cases to almost four months. The average was still too high, he said.

Cooperative efforts had produced desirable results, Mr. Klemtner concluded, and he felt that the progress made since the association had first given serious consideration to the business problems of its members was gratifying.

Research for Progress

Touching briefly upon the general value of research as something already known to his audience, Dr. A. G. DuMez, dean of the School of Pharmacy of the University of Maryland, outlined certain applications of research, which he believed pharmaceutical manufacturers would find it advisable to undertake and to promote. In this connection he gave some information on the institutions best equipped to carry out research of specific types. He considered in several aspects research in commercial, chemical, pharmacological, pharmaceutical, botanical, and clinical lines.

Standardization of unofficial preparations was discussed by Dr. DuMez, who considered this a desirable undertaking, and he told of the plan of the American Pharmaceutical Association to revive its work in this connection and establish a laboratory in this field.

Schools of pharmacy are steadily becoming better equipped to serve manu-

(Continued on page 52)

Botanical Drugs, Gums

Berberis in Sharp Advance—Ipecac Advance Extended—Select Elm Bark Has Price Recovery—Ergot Yields Under Light Demand—Kamala Reduced—Damiana Up

Business in the market for botanical drugs continued to be somewhat quiet. Local dealers indicated that demand lacked the qualities of activity and strength. Buyers confined their takings to prompt manufacturing requirements, and such needs came here intermittently most of the time during the week under review. However, quotations on most items were still firm, though declines predominated the movements in values.

On the side of market strength, however, were several developments of interest. Higher quotations came on berberis root after that article had remained inactive for a very long period of time. Also, select elm bark recovered from the recent decline when values were advanced sharply. Damiana leaves were raised as stocks shrank and replacements cost more money. Colombo root was higher, but its position was purely nominal, as only one small lot was available, and the price named was several hundred percent above replacement costs, this being caused solely by spot shortage. Ipecac root resumed its upward march and the market had strong undertones at the advance. Vanilla beans were strong and Bourbons brought more money.

Ergot yielded some ground as lack of demand conflicted with the low supply and high prices in Europe. Kamala failed to sustain its recent price rise, the market turning easier and lower under competition. Numerous seeds and condimental materials moved in favor of the manufacturing consumers.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	212	916
Caraway	2,311	7,690
Cardamom (cases)	36	900
Celery	140	2,999
Coriander	3,424	4,469
Cumin	1,253	1,618
Digitalis leaves (cases)	53	53
Dill	...	151
Fennel	317	1,785
Henbane leaves	111	157
Mustard	280	8,666
Poppy	1,050	18,569
Sage leaves (bales)	20	435
Sesame	...	1,443
Stramonium (bales)	146	306
Thyme herb (bales)	291	438
Totals	9,644	50,895

Price Changes

Prices were changed during the past week as follows:—

Advanced

Berberis root, 4c. per lb.
Colombo root, 2c. per lb.
Damiana leaves, 2c. per lb.
Elm bark, select, 3c. per lb.
Hempseed, ¼c. per lb.
Ipecac root, whole, 15c. per lb.
powdered, 15c. per lb.
Larkspur seed, 2c. per lb.
Nutmegs, 110's, ½c. per lb.
Marporam herb, French, ½c. per lb.
Tunisan, ½c. per lb.
Turmeric root, ¼c. per lb.
Vanilla beans, Bourbon, 25c. per lb.

Reduced

Anise, Spanish, 1c. per lb.
Cubeb berries, XX, 2c. per lb.
powdered, 2c. per lb.
Canary seed, Morocco, 5 points per pound.
Turkish, ¼c. per lb.
Argentine, ¼c. per lb.
Caraway seed, ¼c. per lb.
Clove, Zanzibar, ¼c. per lb.
Ergot, 5c. per lb.
Millet seed, ¼c. per lb.
Kamala, 7c. per lb.
Papain, powdered, 10c. per lb.
Peppers, black, Lampong, ¼c. per lb.
white, Singapore Muntok, ½c. per lb.
Java Muntok, ¼c. per lb.
Pimento, ¾c. per lb.
Sage, Dalmatian, stemless, ¼c. per lb.
garden, ¼c. per lb.
Savory herb, ½c. per lb.
Thyme, French, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	126.4	124.8	108.0

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—Quotations were reported to be steady in the absence of unsettling influences and in the presence of a fair-sized and well-maintained consuming demand.

Tolu.—Inquiry was somewhat irregular most of the time last week, but prices were still held in firm position, free from much in the way of competition likely to weaken values in the nearby future.

Barks

Bayberry.—April deliveries were still being covered at 13c. to 15c. per pound, in contrast with 35c. to 40c. per pound that would have to be paid for an actual spot delivery. The fact seemed to be that the spot price was caused solely by the lack of more than jobbing supplies and the total lack of general distribution of the small quantities available.

Cascara Sagrada.—Extremely small stocks remain on the Pacific Coast, and some information has been to the effect that they had become virtually exhausted. On the spot exceptionally firm prices prevailed on the basis of the recent advance to 14c. to 15c. per pound. Unsold reserves in this market were small, too.

Elm.—A temporary strengthening of the market on select bark was noted when goods sold last week at 37c. to 40c. per pound. The stocks here and at the source were small and in strong hands. Ordinarily not much demand rules at this season, but this year the presence of even small requests, in view of the light supply, has been sufficient to stiffen a previously sagging market.

Sassafras.—The spot market was dull and lifeless. The principal season for active trading has passed, and last week the call was down well within jobbing limits. Carryover this year will not be very large.

Wahoo.—Further reductions in prices were lacking, and for the most part nothing to suggest an early extension of the downward movement existed locally. The fact that unsold stocks in the primary and spot markets will be very small this year acted as a check to further movement of prices in favor of the buyer for consumption.

Beans

St. Ignatius.—The market was very narrow. Most dealers reported a total lack of business, and the best of reports indicated not more than one or two sales of jobbing quantities.

Vanilla.—The market was one of substantial strength. Bourbons and Mexican beans were well held at $4.75 to $5.50 per pound, while the Mexican cuts were not obtainable at less than $4.50 to $4.75. Primary markets were strong and stocks offered for export to this were very small. With the season at hand when demand should show a substantial increase, the situation was said to forecast one of the strongest Springs in years.

Berries

Cubeb.—Somewhat more competition on the spot led to a shading of prices, this resulting in XX berries being offered at 32c. to 33c. per pound; powdered, 36c. to 37c.

Fish.—The market was still easy in undertone, but prices were not reduced any further. They were noted at 9c. to 10c. per pound, but the situation was entirely favorable for those with firm orders in hand.

Flowers

Arnica.—Demand was light and usually irregular most of the time last week. Conditions were unsettled and prices seemed to have a tendency to move further in favor of buyers for consumption.

Chamomile.—Roman flowers were moderately easy on the spot, but prices were not reduced further. Hungarian flowers were competitive and moved only in moderate quantities. Prices were considered to be on the low side.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
PHYSIOLOGICALLY TESTED CHEMICALLY TESTED
CRUDE DRUGS
When You Want High Test Crude Botanicals
Come to
THE HOUSE OF HOPKINS
NOW IN STOCK
PHYSIOLOGICALLY OR CHEMICALLY TESTED
SHOWING HIGH ACTIVITY
Aconite Root, Asofoetida Gum, Cinchona Bark, Cannabis American, Digitalis Leaves, Ergot Spanish, Goldenseal Root, Henbane Leaves, Myrrh Gum, Nux Vomica, Sandalwood Chips, Squill Root, Stramonium Leaves, Strophanthus Seed, Valerian Root
and every other crude drug in demand
CRUDE J. L. HOPKINS & CO. NEW YORK DRUGS

MURRAY & NICKELL MFG. CO. Established 70 Years
2606-28 Arthington Street - - - Chicago
BOTANICAL
CRUDE DRUGS MILLED
HERBS - ROOTS - BARKS - SEEDS AND SPICES
WATER SOLUBLE GUMS TRAGACANTH ARABIC - KARAYA
AMERICA'S OLDEST MANUFACTURER - PYRETHRUM PRODUCTS

Gum Tragacanth --- Gum Arabic
Importers
THURSTON & BRAIDICH, 286 Spring St., NEW YORK

CHICLE, Mexican
F. HUBER & CO., 99 Hudson Street, NEW YORK

KARAYA TRAGACANTH ARABIC
GUMS
WHOLE AND POWDERED
FRANK-VLIET CO. INC.
160 WATER ST. NEW YORK, N. Y.

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
Chemicals - Essential Oils - Synthetics - Bouquets
Talc - Clay - Waxes
219 East North Water Street Phone Superior 5940 Chicago, Ill.

STABILIZED PYRETHRUM
EXTRACTS — DUSTS — PERCOLATION FLOWERS
STABILIZED ROTENONE
DERRIS — CUBE — TIMBO
WHOLE ROOT — DUST — MIXED DUSTS — EXTRACTS
Standardized for Toxic Content —
Stabilized to Prevent Loss of Killing Power
HAMMOND PAINT AND CHEMICAL CO. Beacon, N. Y.

PYRETHROL 20
A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

Mullein.—Very good request was noted locally and in view of the fact that the season of somewhat larger requirements had arrived, sellers declared that the market undertones became firmer throughout the past week.

Orange.—Although the market was still competitive, prices lacked further movement in favor of the buyers for consumption. Demand was light and irregular, thus contributing to the somewhat unsettled state of the local market.

Saffron.—Some directions were disposed to advance prices on Spanish flowers still further but in other quarters the advance was held in abeyance, thus creating competition that appeared to be somewhat out of line with the recent developments in foreign markets.

Gums

Ammoniac. — An extremely small quantity of this article was available on spot; the supply was in the hands of a single holder. Little demand was current.

Arabic. — Business was routine in most directions but the call was still productive of a fair-sized volume of trade and so far as the local market was concerned, prices reflected the movement by remaining steady. Stocks in the primary market were said to be gaining moderately.

Benzoin.—The well distributed stock of Sumatra gum on the spot was said to be in steady and stable price position last week. The call was active within jobbing limits, consisting mainly of numerous small orders. Replacement costs were very steady.

Camphor. — Somewhat improved demand was current during the past week. Distributors were more disposed to cover the requirements which were likely to become somewhat larger as Spring advances into Summer. Price-wise, the market on both natural, as well as foreign and domestic synthetic material was about steady.

Tragacanth.—The market was exceptionally strong. Stocks of the best quality of gums were none too plentiful in this market, while at the source the offerings were uniformly small in size and high in price. Local quotations were nominal in that it required a firm order in hand definitely to establish the actual selling price of the better grades of gum.

Herbs and Leaves

Damiana. — The market was moved upward to the basis of 16c. to 20c. per pound, this movement covering a strengthening of replacement costs, as well as also being in line with the improved sale of the article out of local stocks.

Marjoram. — The market was advanced to 17c. to 17½c. per pound for French, and to 16c. to 16½c. for the product of Tunisan. Broader request emphasized once more the reported fact that stocks on the spot were exceptionally small.

Sage.—The season of heaviest consumption has about passed and concurrent with that development has come an easing of prices on this item. Dalmatian stemless was down to 6c. to 6½c. per pound and the garden variety of material was off to the basis of 6½c. to 7c.

Savory. — Business was somewhat slow and prices eased down to the basis of 7c. to 7½c. per pound, under the influence of a wider competition on the spot.

Thyme.—A somewhat slower market induced some increase in local competition. The result was easier and lower spot prices, regardless of the fact that replacement costs changed very little. Spot prices were 9½c. to 10c. per pound.

Miscellaneous

Ergot.—A somewhat inactive market has led to the development of somewhat easier undertones, notwithstanding the fact that European stocks of strictly U.S.P. material have rarely been so low as at the present time. Spot quotations were $1.95 to $2 per pound and demand was very small.

Irish Moss. — Stocks were light and cannot be increased earlier than the arrival of new crop in the somewhat distant future. Demand has been very good this year and the unsold balance of the crop was declared to be smaller than normal last week.

Kamala.—The expected and continuous advance in prices on this item has failed to prevail. Quite the contrary. Values yielded to competitive conditions in a slow market and the result was a lower quotation at 38c. to 40c. per pound.

Lycopodium.—Sellers were somewhat reserved as their stocks were incapable of caring for more than the most jobbing sort of demand. Europe had little wherewith to replenish the much reduced supplies in local circles.

Papain.—The market was advanced to make prices $1.10 to $1.15 per pound for the powdered material. An interesting view of the primary market on this article states that it is a tropical fruit eaten at the source, but not exported as fruit for eating. The export business is done in the dried gum obtained from the skin of the papaya. Exports from Ceylon increased from 100,046 pounds in 1933 to 155,274 pounds in 1935. Exports for the first eleven months of 1936 amounted to 212,085 pounds. The United Kingdom formerly was the largest factor of this product, but now more than 60 percent of it is exported direct to the United States. Insofar as is known, Ceylon is the only country in which this product is produced at present in commercial quantities. During the past four years the price of papain has ranged from 60c. to over $3 per pound, but the price has fallen during the past year. It is prepared at present almost entirely by the Singalese villagers, there being only one or two large areas under cultivation. But because of the growing demand for the product, the Ministry of Agriculture and the Registrar General and Director of Commercial Intelligence in Ceylon have recently been urging the farmers to increase production. There are only two types now exported from Ceylon, the white papain and the ordinary papain. The former commands a price of from 8c. to 10c. more per pound than the latter.

Roots

Berberis.—This Pacific north coast item came to life last week when higher replacement prices were paid. Spot quotations were raised to the basis of 14c. to 15c. per pound and undertones were substantially firmer in all respects.

Colombo.—Although the price meant little—it was so high as effectively to check virtually all demand for the material—there was a nominal quotation of 55c. per pound of record locally during the past week. Such a price will last only until replacements are bought at the comparatively low prices at the source. The last lot to arrive was rejected by the Department of Agriculture.

Senega.—The primary market offered very little and agents for suppliers at the source were not quite so competitive in their views when firm orders were in the market. Prices were very firm and signs of pending unsettlement were entirely lacking here and at the source.

Turmeric. — Alleppey was quoted 6¼c. to 6¾c. per pound and the Madras root was 6½c. to 7c. Demand was routine, consisting mainly of jobbing orders which were cared for readily and promptly.

Cube.—Outlook for consumption during the months ahead was said to be very good. Active propaganda has been undertaken by prominent suppliers with a view to increasing sales and making a wider clientele aware of the advantages accruing to those using this insecticide. The following table gives imports from all sources in 1936:—

	Pounds.
Peru	162,702
Brazil	508,570
Venezuela	22,750
Colombia	1,200
Total	695,222

Derris.—The market was fairly steady so far as official prices were concerned, but beneath the surface of the market a fermentation of competition was said to have been productive of quiet shading of quoted values. Outlook for consumption was said to be very good. Importations into the United States from all sources in 1936 were as follows:—

	Pounds.
British Malaya	754,851
Philippine Islands	129,845
Netherland India	28,581
Total	913,277

Ipecac.—Prices were advanced to $1.15 to $1.20 per pound for whole, and to $1.25 to $1.30 for powder, this being done to cover the absence of large replacement offerings and the presence of higher costs in the primary market. Exports from Bahia, Brazil, in 1936 totaled 249 bales, compared with 276 bales in the previous year. By countries of receipt, the breakdown was as follows:—

	Kilos.
Germany	9,245
United States	1,465
England	1,458
Belgium	536
Total	12,704

Seeds

Anise.—Spanish material was lower at 12c. to 12½c. per pound under a more competitive market that seemed to be better supplied with prompt delivery material. No change in quotations on star seed prices.

Canary.—Seed from Morocco was nominal at 6.30c. per pound. Turkish was up a small fraction at 6⅜c. to 6⅝c. per pound; Argentine, 6⅛c. to 6½c. Demand was fairly good.

Caraway.—More interest was shown and the market was advanced to 7¾c. to 8c. per pound. The prices prevailing in the primary market were said to be somewhat firmer than they had been.

Cardamom.—Values failed to change further. The market was as strong as ever and spot quotations were in line with the prevailing cost of replacements which were offered sparingly in the primary market.

Gold of Pleasure. — Firm offerings have again come on this market and during the past week quotations appeared on the basis of 20c. to 21c. per pound.

Hemp.—The normal broadening of request incident to the Spring period was noted and sellers obtained a slightly higher price at 4c. to 4½c. per pound under the support created by the requirements of buyers.

Larkspur.—The supply on spot was found to be somewhat smaller than had been figured recently by local dealers. Demand last week strengthened the market and brought about an advance to 24c. to 25c. per pound.

Spices

Clove.—Zanzibar eased back fractionally to 19½c. to 20c. per pound but the market was still basically firm because of the situation prevailing in the primary market. Madagascar remained firm at unchanged quotations.

Nutmegs. — The quotations on the 110's were advanced to 17½c. to 18c. per pound under good request. No changes were made in prices on other varieties and sizes of this item.

Paprika.—Replacement cables showed prices to be generally steady. Local trading was along slightly broader lines but the improvement in buying interest failed to bring about an advance in prices prevailing for the past several weeks.

Peppers.—Black Lampong pepper was shaded to 6¼c. to 6½c. per pound. Alleppey and Tellicherry lacked change. White Java Muntok was down to 10¾c. to 11c., while the Singapore and Borneo articles stood at 10½c. to 11c., and 10¼c. to 10½c. per pound, respectively. No. 1 Japanese chillies were lower at 13c. to 13½c. The markets as a whole were generally easier.

Pimento.—Lack of interest led to a weakening of prices and offerings were made on spot last week at 14¼c. to 14½c. per pound without stimulating much demand among manufacturing consumers.

Drug Advertising Control Offered F.T.C.

(Continued from page 3)

a commodity in a manner which may be injurious to health by reason of misrepresentation of the character, quality, or preventive or therapeutic effects of the commodity advertised, or by reason of false representations concerning the method of treating a condition or ailment, or by reason of the omission, to state a fact necessary to make the advertising not misleading in a material respect.

Exemptions are provided for alcoholic beverages already under the Federal alcohol administration act, for publications in process of printing, and for advertising agencies and mediums which furnish the commission the name of the person causing the dissemination of suspect advertising.

Edward J. Gleason, jr., has joined the sales staff of Joseph Turner & Co., chemical manufacturers' representative, Ridgefield, N. J., according to Walter Merrill, head of the Turner company. Mr. Gleason will work out of the New York office, 630 Fifth avenue, which is under the supervision of Charles Hollwedel.

A.P.M.A. Urges Early Passage of Drug Act

(Continued from page 50)

facturers in research, Dr. DuMez said, and he believed that it was logical that this service should be utilized as it promised the best treatment of many problems. He referred his hearers to Dr. Ernest Little, dean of the New Jersey College of Pharmacy, Newark, for partciulars and assistance in this connection, Dr. Little being the chairman of the executive committee of the American Association of Colleges of Pharmacy and having made a particular study of research facilities.

Some very useful practical information on how to undertake research work in the plant was given by Harry Phibbs, advertising counselor, Chicago. Mr. Phibbs had as much to say on what not to do as on what to do. He told how a chemist should be selected for research work, and he emphasized the need for all executives of the company to maintain close contact with the research worker, to understand his problems, and to keep informed on his work.

Mr. Phibbs had much to say also about the proper collation of research findings and their use in the developing and promoting of preparations. He ended his talk with an emphatic suggestion that more and more attention be given to originality backed by thoroughness.

Southern Progress

A picture of an economically sound "New South" was drawn by Dr. Charles H. Herty, hailed as the "Eli Whitney of the South" for his success in developing newsprint from the slash pine. Dr. Herty predicted that the day was not far distant when the United States would be entirely independent because of the Southern industry which will eliminate at least $200,000,000 in imports of newsprint and other paper.

Dr. Herty stated that all research starts out in a common-sense way, and was usually the result of an idea which branched out and brought others into its pathway. He told of an incident in his career when an important discovery and research was made as the result of a baseball game in the Yankee Stadium in New York.

In addition to the slash pine for paper, Dr. Herty has developed rayon, cellophane, and other products, which he showed to the members of the convention, among them also being white paper, whereas before only kraft paper had been produced.

Dr. Herty also told about being in Germany and conferring with scientists other there, who intimated that over here we did not have the right ideas of research in connection with some of his work, and how, when he came back to the South, he made some investigation, just to prove that the other fellow was wrong. But when he came back, and had investigated the matter thoroughly, his investigation led him to some very important work in connection with the slash pine.

More data on the economic and industrial progress of the South were presented by Carl B. Fritzsche, managing director of the Farm Chemurgic Council. In addition to paper from pine wood, Mr. Fritzsche told of tung oil, sweet potato starch, and agrol (a gasoline-alcohol blend used as a motor fuel) as bases for the development of new industries in the South. Research, he said, would create work and industries. It deserves full faith in its endeavors, because it works on practical bases and is wholly different from political panaceas as a constructive economic agent.

Distribution Study Planned by D. of C.

(Continued from page 3)

marketing costs and wasteful competition, and one of the objectives of such studies will be to guide the government in formulating legislation on business regulation.

The department is also planning some basic studies of distribution practices which are alleged to be very wasteful. This study will include such problems as distribution costs of manufacturers, wholesalers, and retailers, and also a study of the operating efficiency of consumers' cooperatives to determine how efficient this newly-found method of distribution is compared with the independent or chain store.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Essential Oils, Aromatic Chemicals

Mace and Nutmeg Advance Extended—Cubeb Shaded—Peppermint Firm at the Recent Rise—Cassia and Anise Well Maintained—Wormseed Still Strong Here

Demand for essential oils and aromatic chemicals has decreased somewhat. In keepng with the slowing down in trade generally, buyers of these entities were in the market less often than they had been. Also, when they traded, they were conservative as to the quantities of merchandise they brought under demand. The result was a somewhat slower flow of business, but, also, that result was not accompanied by any weakening of the generally firm price structure.

Regardless of the volume of sales, prices were well maintained. Items noted for recent advance in price were very firm and those notable for advances in the past several weeks were in similar position. Furthermore, the replacement position of most materials was such as to work for a generally firm price structure. Dealers said that it would require a long, extended reduction in demand to affect materially the general structure of prices.

Mace and nutmeg continued to be advanced in price. Both showed a high production cost which producers and dealers have been trying to cover adequately in their prices. Clove was another article having a comparatively high production cost in contrast with a not too profitable profit at current quotations. The tendency was upward.

Wormseed was strong at the recent rise and demand was still good. Peppermint was firm but lacked further advance. Cassia and anise were well maintained on the firm side and competition was negligible. Lemon and orange were steady and bergamot was firm to strong. Tansy was comparatively scare on spot and a new crop will be needed to restore supplies to their normal size.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Mace, 3c. per lb.
Nutmeg, 3c. per lb.

Reduced

Cubeb, 15c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
90.3	90.3	90.5	68.1

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet true oil was exceptionally firm at all times last week. The stocks were light on spot and those at the source were difficult to obtain in addition to being subnormal in size. Values were strong in all markets.

Amber.—Even though routine request was the rule, the market on this article was about steady last week and reports generally indicated somewhat less competition to prevail. Supplies were moderately large.

Angelica.—Root and seed oils were in convential request last week and the market was called firm in practically all respects. Little competition prevailed, and differences in price views were usually accounted for by differences in quality.

Anise.—Undertones held very firm. Stocks were limited to comparatively small lots and sellers in practically all instances showed substantial reserve in making their offerings. Conditions did not suggest an early improvement in supplies. According to the Department of Commerce, through a report rendered by the United States consul at Hongkong. Dealers in that city during 1936 were unable to meet the unusually heavy demand for anise seed oil from both the United States and Europe during the year and many offers had to be turned down. As a consequence prices rose and in December, 1936, the market was oversold and no business could be done. The sale of this oil is controlled by a monopoly of the Kwangsi Provincial Government, which maintains an office in Hongkong.

Bergamot.—All reports agreed that little oil was being offered from the source and that to a considerable extent the market on spot therefore tended to become one of reserve so far as offerings were concerned. Values were strongly maintained at all times.

Birch Tar.—The call was mainly irregular and occasional, consisting principally of jobbing needs of a comparatively few buyers. Based on current replacement costs, spot quotations were said to be generally steady.

Bois De Rose.—Cables showed that the primary market was more than steady; it was substantially firm and lacking in elements likely to produce a more competitive situation. Locally, steady demand for normal quantities was the general experience.

Camphor.—The market continued to be basically firm in all respects. Shipment prices were well maintained at the levels recently reached through an advance. Local demand was steady, eliminating all signs of competition from the spot.

Caraway.—The outlook for the crop of raw material in Holland was none too satisfactory as a curtailment in planting has been effected by the farmers. The oil market reflected this situation by remaining very steady last week.

Cassia.—An element of stability seemed to have cove over the market on this material. Local competition has gone into eclipse and hence values displayed a firm position last week and they were also supported by a very good demand from manufacturing consumers.

Cedarleaf.—Small spot stocks and equally small supplies in the primary market were more than sufficient to keep prices very firm at all times. Demand was good and deliveries were not readily made. Sellers showed considerable reserve.

Citronella.—A somewhat quiet market ruled locally. Not that the movement was poor; it was still steady and fairly substantial in size; but the market lacked the element of expanding needs and hence a generally quiet situation ruled with prices remaining free from change.

Clove.—Strength was the dominant characteristic of the market for this article. Production costs were high and present prices, based on the cost of raw material, were not productive of a satisfactory profit to the producers. The tendency was upward.

Cubeb.—A slightly lower price on cubeb berries came in company with a shading of oil quotations to the basis of $2.85 to $3.10 per pound, ruling as to seller.

Dill.—A limited expansion in demand was noted. Inquiry improved, too, and on the whole the market appeared to be firmer than it had been. However, the improvement did not produce any change in prices.

Eucalyptus.—Advances have been checked, principally because of a lessening of the pressure for actually prompt delivery material. This was in line with the normal shrinkage in immediate request at this season of the year. Replacement prices were still very firm.

Geranium.—Cables from the source have become firmer and the market as a whole has shown a slight tendency to strengthen on the spot. However, prices lacked quotable change. Demand was very fair most of the time and undertones were at least steadier.

Lemon.—Basically, the market seemed to be exceptionally firm. California oil was not offered in abundant quantities but improvement in that aspect of the market was expected to come in the not far distant future.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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M M & R Perfume Oils give insecticides *Odor Personality. They eliminate completely the unpleasant odor of lethane, kerosene, etc. without lessening the efficiency of the spray content.
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ESSENTIAL OILS | NATURAL FLORAL PRODUCTS | AROMATIC CHEMICALS

D. W. HUTCHINSON & CO., Inc.
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Buyers Prefer
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AROMATIC CHEMICALS
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Orris, Concrete
Guaiacwood
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Gurjon
Cubeb
Cumin
Patchouly
Sandalwood
Canada Snake Root
DODGE & OLCOTT COMPANY
180 VARICK STREET NEW YORK, N. Y.
BRANCHES:
PHILADELPHIA BOSTON CHICAGO ST. LOUIS LOS ANGELES

Italian stocks were strongly held, were far less than normal in size, and were unable to cope with demand from most consuming countries.

Lemongrass.—A steady spot prevailed and a fair supporting demand tended to keep local competition fairly well in check. Quotations at the source were fairly steady on the whole. At least, the declining trend of values there has been checked.

Mace.—Quotations on spot were up to $1.35 to $1.37 per pound, ruling as to quantity and seller. This continued rise in values emphasized the cost of production and the steady accession of strength in the market.

Nutmeg.—Sales were made on the higher basis of $1.35 to $1.37 per pound and because of the steadily increasing cost to manufacture the article, the tendency seemed to be toward a further rise in spot prices. Demand was very good.

Orange.—The market was steady to firm according to seller, quality, and brand. Demand was moderate, but somewhat larger. Exports from French Guiana in the first ten months of 1936 totaled 185 tons, comparing with the 1935 export of 210 tons. This went mostly to France, though Germany, England, the Netherlands, and the United States bought some. The progress of the industry in French Guiana is noted in exports in recent years, which have been as follows: 1929, 1 ton; 1930, 12 tons; 1931, 34 tons; 1932, 77 tons; 1933, 104 tons; 1934, 144 tons; and in 1935, 210 tons.

Peppermint.—Prices failed to be advanced further but the market was reported to be generally firm in accordance with the lack of unsettlement of disturbing influences in the primary market. Although demand was not very vigorous on spot, there was still a very fair jobbing request that aided in the firm maintenance of quotations.

Sassafras.—Although the market was moderately competitive, the general situation was one of fair firmness so far as the majority of prices were concerned. Demand was well up to the volume current for some time past.

Wormseed.—Offerings were moderate and the market was no less strong than it was during the successive weeks of steadily rising prices. Quotations prevailed at $2.80 to $2.90 per pound and it was not too easy to secure a delivery at the inside position.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Improved!
OIL LIMES DISTILLED IMITATION
Yes, improved and the price lowered! Continuous study of its natural constituents has enabled us to accomplish these results. Our OIL LIMES DISTILLED IMITATION is now a better product, fully as strong as the natural oil and about one half the cost.
Consult us on your season's requirements . . . and save money!
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IN ORANGE FLAVOR!
Exchange
DISTILLED OIL OF ORANGE
At today's market, the outstanding orange oil value is Exchange Distilled. High grade, yet the price is surprisingly low. Our jobbers will be glad to submit samples.

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Products Department, Ontario, California
Producing Plant: The Exchange Orange Products Company, Ontario, California
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Aromatic Chemicals

Anethol. — The return of firmness to the raw material market has eliminated for the time being most of the chance for a reduction in prices on this derived material. The demand was also a supporting element in the market and the result was a generally firm undertone in all quarters.

Anisic Aldehyde. — Undertones were steady to firm even though demand was not expansive. The well maintained prices reflected the recent return of strength to the raw material market.

Borneol.—Stocks were comparatively low and some quarters were totally without a spot stock of the material. However, some merchandise was still available at very firm prices.

Bornyl Acetate.—Some suppliers have temporarily withdrawn prices until the situation in raw material shall have become clearer. The market was a nominal one in practically all respects.

Butyric Ether. — Fair movement and firm prices were the rule. The call was well up to normal and was met on the basis of prices declared to be fully firm in all directions.

Citral. — While demand was conventional in size and routine in character, it was still active within normal expectations and the result was a steady to firm price position at all times last week.

Citronellal. — Although some sellers offered with reserve, others appeared to have no reluctance to move their stocks and in such directions offerings were ample to cover all reasonable needs of the manufacturing consumer.

Geraniol. — New production was in the market. According to seller and quality, prices ranged 60c. to $3 per pound and supplies appeared to be ample in all quarters. The article is being offered in some directions as a by-product of manufacturing synthetic menthol in this country.

Geranyl Acetate. — A new producer offered in 400 pound drums at $1.75 per pound. On the spot, deliveries in bottle packing were available at the same figure. The range as to seller and quality was to $2.50.

Menthol.—Natural menthol was priced unchanged at $3.25 to $3.35 per pound and the market seemed to be rather slow. Domestic production of synthetic menthol was offered at $3.25 per pound. A technical article was named at $2.25 per pound. Liquid in 400 pound drums stood at $1.60. Demand was routine in most instances. Domestic synthetic is offering imported natural material quite active competition.

Methyl Salicylate. — Demand of steady character prevailed last week and the market on the whole was steady in undertone. Production was said to provide an ample stock of the article and the somewhat larger demand, expected to come during the Spring and Summer months, will be met without difficulty, it was said.

Phenylethyl Alcohol. — Trade was rather dull. Buyers traded mainly in jobbing quantities and there was not a great deal of business done even in such amount. However, in view of the lack of much competition, the market prices remained generally steady.

Safrol.—Undertones were steady. Replacement costs kept competition fairly well in check and with demand being well maintained at recent volume, the general situation was favorable for the firm maintenance of quoted prices.

M.M.&R. Issues New Brochure

Magnus, Mabee & Reynard, Inc., essential oils and aromatics, this city, has issued an attractive step-leaf brochure, in colors, outlining the company products and their uses, stressing quality by the word "Uniformity" running down the center of the leaves. The brochure covers Mohawk brand soluble extract coffee, aromatic chemicals, microscopic specialties and terpeneless oils, balsams, paragon olive oil, Mohawk brand peppermint oil, concentrated flavors, perfume oils, and essential oils. Down one side of the brochure run nine illustrations of various parts of the plant.

Retail Druggists to Hold 'Fair Trade' Mass Meeting

Under the auspices of the New York State Pharmaceutical Association, a fair trade mass meeting of retail druggists of the metropolitan area and other parts of the State will be held in the Hotel Pennsylvania, this city, April 13, according to Milton S. Malakoff, executive secretary of the association.

The meeting is expected to crystallize the attitude of druggists regarding the margins granted to retailers by manufacturers under the Feld-Crawford law, so that the druggists may obtain a "living return" from their businesses, and also on the question of reductions by manufacturers on items believed to be "over-priced." The meeting is expected to be the largest gathering of druggists since the Feld-Crawford act was validated in this State by the Court of Appeals.

Bids Wanted

(Continued from page 46)

Phenothiazine:—1,435 pounds for various deliveries; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 9508, opening April 2.

Salt:—Supplies of for various deliveries; Quartermaster, Second and Arsenal streets, St. Louis, Mo.; procurement 801-121, opening April 2.

Scouring Powder:—Supplies of; Quartermaster Depot, Chicago; procurement 199-222, opening April 5.
Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Shellac Varnish:—1,733 gallons; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurement RA-2934-N, opening March 31.

Shoe Polish:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.
Supplies of; Quartermaster Dept. Depot, Chicago; procurement 199-222, opening April 5.

Soap Flakes:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Soap, Hand Grit:—3,000 pounds; Purchasing Agent, Post Office Department, Washington; procurement 2804, opening March 31.
Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.
Supplies of; Quartermaster Depot, Chicago; procurement 199-222, opening April 5.

Soap, Shaving:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.
Supplies of; Quartermaster Depot, Chicago; procurement 199-222, opening April 5.

Soap, Toilet:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Soda Ash:—15,000 pounds; Quartermaster, Marine Corps., Washington; schedule 707, opening April 5.

Soda Ash, Powdered:—10,000 pounds; Commanding Officer, Springfield Armory, Mass.; circular 186, opening April 2.

Soda, Laundry:—6,000 pounds; Quartermaster, Marine Corps., Washington; schedule 707, opening April 5.

Soda Thiosulphate:—30,000 pounds; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurement 1562-S, opening March 31.

Spices:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.

Spices and Flavorings:—Supplies of for various deliveries; Quartermaster, Second and Arsenal streets, St. Louis, Mo.; procurement 801-121, opening April 2.

Starch, Laundry:—Supplies of; Quartermaster Depot, Chicago; procurement 199-222, opening April 5.

Stencil Varnish:—1,000 bottles; Contracting Officer, Quartermaster Corps., Jeffersonville, Ind.; procurement 431-165, opening April 6.

Sulphate of Aluminum:—50,000 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 579-58, opening April 2.

Sulphur, Superfine, Dusting:—2,000 pounds; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 9361, opening March 30.

Toner Paste, Alkali Blue:—1,000 pounds; Purchasing Agent, Government Printing Office, Washington; opening March 31.

Tooth Paste:—Supplies of; Quartermaster Depot, Chicago; procurement 199-222, opening April 5.
Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston Mass.; procurement 155-139, opening April 6.

Washing Powder:—Supplies of for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-139, opening April 6.
Supplies of; Quartermaster Dept. Depot, Chicago; procurement 199-222, opening April 5.

White Lead:—25,700 pounds; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurements RA-2934-N, opening March 31, and RA-2998-N, opening March 30.

White Lead in Oil:—4,400 pounds; Procurement Division, Bureau of Supplies, Treasury Department, Federal Warehouse, Washington; procurement RA-2957-N, opening March 31.

Yeast:—Supplies of for delivery at various East coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 270, opening April 6.

Contracts Awarded

Caustic Soda:—24,615 cans; award to the Pennsylvania Salt Manufacturing Company, at 4.58 cents, by the Quartermaster Depot, Jeffersonville, Ind.; circular 148, opened March 18.

Soap, Grit:—15,000 cakes 10-12 ounce; award to the Unity Sanitary Supply Company, at 3 cents, by the Quartermaster Depot, Jeffersonville, Ind.; circular 148, opened March 18.
5,000 cakes 10-ounce; award to James Good, at 3.28 cents, by the Quartermaster Depot, Jeffersonville, Ind.; circular 148, opened March 18.

Soap, Laundry:—150,000 pounds; award to the Colgate-Palmolive-Peet Company, at 4½ cents, by the Quartermaster Depot, Jeffersonville, Ind.; circular 148, opened March 18.

Petroleum Solvents, Lubricants, Fuels

Gasoline Prices Strengthen in Midcontinent as Heavy Buying Drive Absorbs Surplus—Solvents Hold Steady—Crude Oil Flow Creates Another New High

The position of the gasoline market was improved last week in the Midcontinent as the result of a sudden buying drive which was started a week ago when a leading national distributor went into the market and placed one of the largest orders in some time. This was a signal for other buyers to come in and toward the end of last week the jobber purchasing was brisk. Consuming demands were not yet at the proportions of the Spring but the jobbing trade was anticipating an early beginning of the motoring season. Prices were advanced, but the extent of the rise was not sufficient to influence other products in the field.

Petroleum solvents and naphthas were not influenced by the strengthening in the gasoline market. The demands for solvents were fairly good except in some of the industrial districts in the middle West, where strikes and labor difficulties in consuming plants hindered trade.

Petrolatum continued as one of the strongest commodities in the list, but the price advance that has been looked for over the past several weeks has not taken place as yet. The undertone of the market, however, has strengthened considerably and it was virtually impossible to buy below the market quotations. Paraffin wax was steady and unchanged.

Daily average production of crude oil in the United States for the week ended March 20 was 3,448,150 barrels, an increase of 75,300 barrels over the preceding week and another new all-time high record. The average for four weeks ended March 20 was 3,354,000 barrels and the average at this time a year ago was 2,835,950 barrels, according to the estimates of the American Petroleum Institute, which omits any oil that might have been produced surreptitiously. The runs of crude to stills were reported to the A.P.I. as having averaged 2,871,000 barrels for 79.6 percent of operations, and 224,000 barrels additional were believed to have been sent to stills for an estimated total average of 3,095,000 barrels against 2,985,000 barrels in the preceding week. Crude oil stocks March 13 were 290,613,000 barrels against 289,611,000 barrels March 6, according to the Bureau of Mines.

Solvents and Diluents

Although there was some spottiness in the demands for petroleum solvents and naphthas in the middle West, the market was favored generally and deliveries to regular consuming channels were good-sized. The spottiness in the middle West was the result of strikes and unsettled labor conditions, particularly in the automobile industry. However, the rubber tire makers were producing and buying materials in heavy fashion. The rubber solvents continued as the outstanding movers in the market. Refinery prices for solvents and naphthas continued without change and the Group 3 sellers were still divided in their ideas on market prices.

Cleaners' Naphthas.—Although the movement out of refinery points was not so active as the demand for some of the other petroleum solvents, the prices were held in an unchanged position at the Midcontinent. Quotations for tankcar lots were 7⅜c. per gallon in one direction and 7⅞c. per gallon in others, basis Group 3. The tax-inclusive tankwagon prices posted in the middle West by a leading marketer were as follows:—Chicago, 17.1c. per gallon; Decatur, 19½c.; Des Moines, 19.3c.; Milwaukee, 20.3c.; Minneapolis-St. Paul, 19.9c.; and St. Louis, 16.2c.

Lacquer Diluent.—There was a brisk demand except for some spottiness among the makers of industrial finishes in the middle West where labor difficulties retarded business. Prices continued unchanged.

Petroleum Thinners.—The Midcontinent refinery market was unchanged with one seller quoting 6⅜c. per gallon and others quoting 6⅞c. per gallon, basis Group 3. Mid-Western tankwagon prices now quoted by a leading marketer were as follows:—Chicago, 17.8c. per gallon; Decatur, 18.5c.; Des Moines, 18.3c.; Milwaukee, 19.8c.; Minneapolis-St. Paul, 18.9c.; and St. Louis, 15.2c. per gallon.

Rubber Solvents.—The tire makers in the Akron district were buying heavily and evidently consuming material in a large way. The prices continued in an unchanged position at the Midcontinent refineries.

Stoddard Solvent.—The market at the refinery points lacked new feature last week and prices were held at their position of recent weeks. The tankwagon quotations named now by a leading middle Western seller were as follows:—Chicago, 16.6c. per gallon; Decatur, 18.5c.; Des Moines, 18.3c.; Milwaukee, 19.8c.; Minneapolis-St. Paul, 17c.; and St. Louis, 14.6c.

V. M. & P. Naphthas.—Local demands were active and the movements out of Midcontinent refineries were also reported to have been good. Prices at refineries were unchanged. Middle-Western tankwagon prices now posted by leading sellers were as follows:—Chicago, 18.1c. per gallon; Decatur, 19.5c.; Des Moines, 19.3c.; Milwaukee, 20.8c.; Minneapolis-St. Paul, 19.9c.; and St. Louis, 16.2c.

Markets at Other Centers

Chicago, Mar. 25.—Varied results were reported from the petroleum diluents and solvents market, depending on the specific conditions now prevailing in the consuming industries. The v.m. & p. business was reported quite good. Irregularity was reported in certain other lines. Prices for the most part are fairly stable. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3 Oklahoma): Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 16.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c.; 16.6c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon.

Tulsa, Mar. 25.—There was also a pick-up in demand for the various grades of petroleum solvents. Shipments were increased from this field. Quotations were maintained at 7⅜c. to 7⅞c. per gallon. The advance in the gasoline market was not considered sufficiently broad yet to effect these quotations.

Lighter Fractions

Liquefied petroleum gases in the light solvent fraction group spent the week in characteristic fashion. The movement of material out of the refiners' hands was routine and through regular channels of outlet. Prices were unchanged and repeated at the levels that have been in force for some weeks.

Butanes.—The market did not contain any developments worthy of comment last week. Steadiness of prices was an outstanding trait in the market as sellers quoted 2¼c. to 3¾c. per gallon for tankcar quantities, basis Group 3, according to the number of cars used per month.

Hexanes.—There was no change in the position of this commodity and the sellers continued to offer normal material at 10½c. per gallon for tankcars with usual differentials for smaller quantities. The prices were basis Group 3.

Propane.—Conditions surrounding the market for this commodity have not been changed in several weeks. Prices continued at the levels that have been quoted for some time and the demands of the market were quite routine.

Petrolatums and Waxes

White Mineral Oils.—Bottlers' demands for U.S.P. oils were somewhat mild by comparison with the preceding week. There was a moderate demand against contracts but the spot business was small. Prices for these oils and for technical oils were quite steady and without any evidence of weakness. The O'Connor measures to tax imported oil made no progress in the Congressional hopper last week.

Paraffin Waxes.—The scale wax market held a strong position last week. Refiners were sold ahead in a great many cases, particularly the smaller Pennsylvania factors. The quotations of the market were 2.65c. per pound for 122-124 A.m.p. grade and 2.70c. to 2.75c. per pound for 124-126 melting point. As in the preceding week, firm bids at 5 points below these levels might have been accepted in some directions, but the general tenor of the market was strong nevertheless. Fully refined waxes were unchanged.

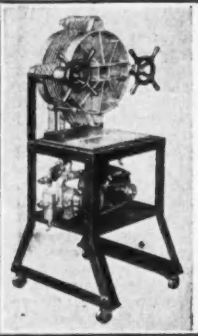
The State of the Petroleum Market

There were no changes in crude oil price last week. Gasoline at Oklahoma-Texas refineries was higher. Gasoline prices at retail stations were unchanged in leading cities.

	Mar. 26	Mar. 19	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.376	$1.376	$1.296
Gasoline prices at refineries (at four refining centers) per gallon	.054375	.05375	.0553125
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1926	.1926	.1912

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

White Oils ~ All Grades
PETROLATUMS
DI-BUG PYRETHRUM PRODUCTS
SHERWOOD PETROLEUM CO., Inc.
REFINERY — WARREN, PA. BUSH TERMINAL — BROOKLYN, N. Y.



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Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
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Other Acetate Salts
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Crotonaldehyde
gives positive warning of
GAS SUPPLY LEAKAGE
Irritating not only to the NOSE, but also to the EYES, habitation of gas filled buildings is almost impossible.
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Outputs and Quotas

A comparison of Bureau of Mines calculations for March production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended March 20, follows:—

	B. of M. Dept of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	590,700	620,450	657,450
Kansas	178,000	185,698	188,300
Texas 1,256,600		1,398,514	1,410,250
Louisiana ..	240,000	230,000	246,700
Arkansas ...	28,500	.....	27,150
Eastern	114,700	.....	112,600
Michigan ...	30,300	.....	38,000
Wyoming ...	42,200	.....	53,000
Montana	14,600	.....	15,900
Colorado ...	4,300	.....	4,700
New Mexico.	88,200	103,290	102,600
California ..	570,900	*551,000	601,500
Totals.....3,159,000		.....	3,448,150

* Recommendation of Central Committee of California Oil Producers.

CHICAGO, Mar. 25.—A good and generally firm tone still characterized the refined wax market. Trade was fairly active, with inquiries continuing to come in and with buyers willing and ready to pay currently prevailing prices. Ruling prices were:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Mar. 25.—The market for paraffin wax was in a strong position with prices ranging from 2¾c. to 2.90c. per pound. Refiners were partly sold up for April and within the next week or ten days will probably be sold up for the entire month if inquiries continue on the present scale.

Petrolatum.—The market continued in a strong position and it was virtually impossible to buy at less than the quoted prices. The export and domestic demands were lively and some buyers were known to be purchasing for investment against higher prices. The market has not moved up with other petroleum products but the undertone of the market has stiffened considerably.

Fuels and Lubricants

The gasoline market at the local refineries was in a little better position last week. The strengthened position at the Midcontinent was responsible for the improved position here and while the refiners did not change their posted prices, the "going" position of the market was improved. Kerosene continued soft and lacked buying attention. Pennsylvania cylinder oils and neutral oils were higher in price again last week.

Market Conditions

Gasoline.—The bulk gasoline market in the local area strengthened last week as a result of the strengthened position of the Midcontinent gasoline market. While there was no change in posted prices here, the "going" position of the market was stronger. Jobber buying was still spotty and the stocks in storage served as a heavy drag on the position of the market. Quotations for tankcar quantities at refinery were as follows:—U. S. motor, 62-63 octane, 7c. per gallon; U. S. motor, 65 octane, 7¼c. per gallon; and branded qualities 7½c. per gallon. There have been no recent changes in prices for tankwagon lots in the Eastern seaboard sector. Export prices at the U. S. Gulf were:—U. S. motor, 5⅜c. per gallon; 60-62, 400 e. p., 5⅞c. per gallon; 60-62, 390 e. p., 6c. per gallon; and 64-66, 375 e. p., 6⅛c. per gallon.

Kerosene.—Price shading continued possible in certain directions last week. The quotations posted by the leading refiners continued at 5½c. per gallon for tankcars of the 41-43 water white article, f. o. b. refinery. There was not much life in the market and not much of an improvement was expected unless temperatures went lower. The export market at the U. S. Gulf was lower last week at 4⅞c. per gallon for prime white and 5c. per gallon for water white, both off ⅛c. per gallon.

Fuel and Gas Oils.—Bunker oil continued in a steady and unchanged position last week as the sellers of C grade oil continued to quote $1.20 per barrel at the terminal points. The demands of the marine trade were fairly active. Diesel oil was without shift at the long standing price of $1.85 per barrel, also at the terminals.

Lubricating Oils.—The Pennsylvania market was stronger again last week as a result of the continual heavy export purchasing. The export activity was the driving factor behind the market's current rising movement. Bright stocks held at 29c. per gallon for regular pour grade, tax inclusive but the cylinder oils were higher in several grades. The price for 600 s. r. was advanced ½c. to 21½c. per gallon; 600 flash, advanced ½c. to 24c.; 630 flash was up ½c. to 28c;. 635 fire was unchanged at 22c.; 650 fire was ½c. higher at 23c.; and Warren 7 was 1c. higher at 24½c. per gallon. Neutral oils were all advanced 1c. per gallon with 150 viscosity at 25½c.; 180 viscosity at 28c.; and 200 viscosity at 29½c. per gallon.

Markets at Other Centers

Tulsa, Mar. 25.—Widespread buying of gasoline advanced prices for all grades. The demand appeared broader than it was at this time last year and certainly outstrips the volume of preceding years of the recent past. Although it was generally recognized that the heavier consuming season is still to be inaugurated, the buying in anticipation of it developed momentum probably as a result of the ease with which prices moved up when a larger buyer came into the market last week. The buying from this national distributor was even on a larger scale than it was at first believed and was done so carefully that its volume did not appear until prices showed the effects and then buying from other quarters followed the trend. It is believed that instead of four or five million gallons there were about twenty million gallons taken by this large interest.

As a result of this buying, prices present an entirely different tone than has been witnessed for the past few weeks. Encouraged by the orders refiners showed no hesitancy to put up quotations. The trend has alleviated the fears that were occasioned by the rapidly rising stocks of gasoline which for the first time in the history of the industry had crossed 80 million barrels. Furthermore, four to five weeks of rising crude oil stocks due to increasing allowables of wells had also introduced an element of weakness in the current production picture.

Refiners now feel more justified in creating a better structure for the opening of the gasoline season.

The exception to the strong tone was the declining demand in burning oils. There were declines in prices of distillates and some easiness in kerosenes. However, refiners were reducing their distillate production rapidly and cutting more tractor fuels and gasoline to meet the seasonal condition.

GASOLINE.—Minimum prices for the lowest octane U. S. motor was raised to 4¾c. per gallon this week an advance, an advance of ⅜c. as compared with a week ago. No concessions were granted buyers as has been the custom for the past few weeks for immediate shipment. As a result of this strength the wide differential between spot and contract prices has disappeared and quotations became 4¾c. to 5c. per gallon; 63-67 octane 5¼c. to 5⅝c.; 68-70 octane 5⅞c. to 6c.; 68-70 gravities were quoted 5⅛c. to 5½c. per gallon.

GASOLINE (Natural).—Although prices were unchanged at 3c. per gallon for the 26-70 grade there were more orders coming into the market and it was the best opinion that further advance in price would also be made in this product during the near future. The 22-pound grade was quoted 3.30c. to 3⅜c. per gallon and the 22-pound 3⅝c. to 3.60c. per gallon.

KEROSENE.—Although most of the refiners are retaining their quotations of the past few weeks, the spot resale market was easy and the 41-43 grade sold at the low of 4c. with other quotations ranging up to 4⅜c. per gallon for the 41-43, while the 42-44 grade was 4⅛c. to 4½c. per gallon. However, tractor fuels were advanced ⅛c. in some quarters making 43-45, 4½c. per gallon.

DISTILLATES.—There has also been some softening of these products. The No. 1 and No. 2 38-40 products are quoted from 3¾c. to 4⅛c. per gallon while the gas oils of 32-36 range from 3½c. to 3¾c. per gallon from dark to straw.

FUEL OIL.—Again there is tightness in this market and supplies continue difficult to find. The demand is still maintained in excess of current production. The grades below 15 degrees continue to be quoted at 80c. per barrel while the 24-28 degrees is 90c. to 95c. and the low cold test sells for $1.10 to $1.15 per barrel.

LUBRICANTS.—The high grades of steam refined now range from 14½c. to 18½c. per gallon while the dark green cylinder oil was 8c. and the better pour point 9½c. per gallon. These oils were raised ½c. The strength in the market was also noticeable in bright stocks and neutrals although there have been no further advances in these grades. Shipments continued at the highest rate of the year.

Chicago, Mar. 25.—A gradually strengthening tone has developed in the tankcar gasoline market, as a feature of the general petroleum market situation. Whereas gasoline has been depressed for a period of weeks, it now is quite strong. It was being bought actively by some large companies for delivery over the next few weeks. Jobbers' orders also are better. Consumption is picking up, as one reason. Kerosene has turned dull, but is holding its own in price. The light heating oils are turning dull and easy, and are now more easily available. The industrial oils are mostly holding the price positions to which they attained some weeks ago, although not so freely bought. Lubricants are strong and in active demand.

GASOLINE.—Low octane motor, 4⅞c. to 5⅛c. per gallon; middle octane motor, 5¼c. to 5⅜c.; high octane motor, 5⅞c. to 6⅛c.; 60-62, 400, 4⅞c. to 5⅛c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4¼c. to 4⅜c. per gallon; 41-43, water white, 4⅛c. to 4¼c.

FURNACE OILS.—No. 1 white, 3⅞c. to 4c. per gallon; No. 1, straw, 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3⅝c.; No. 2 dark, 3⅜c. to 3½c.; No. 3, 3⅜c.

FUEL OILS.—32-36, dark industrial gas oil, 2⅝c. to 2⅞c. per gallon; No. 4, $1.10 to $1.15 per barrel; No. 5, 87½c. to 90c.; No. 6, 80c. to 85c.

New Orleans, Mar. 23.—Domestic market quotatilons on gasoline experienced a slight advance during the past week, while kerosene and fuel oil continued steady. Foreign inquiries and exports were both considered good. U. S. motor gasoline was quoted at 6¼c.; U. S. motor below 62 octane at 6¼c.; 63-67 octane at 6⅝c. and 68-70 octane at 7c., all quotations per gallon, basis refinery.

Kerosene was steady at a quoted price of 7½c. per gallon at refinery.

Good demand was experienced on Bunker C fuel oil at $1 per barrel at terminal and $1.05 per barrel delivered alongside. Industrial plants were quoted at $1.41 per barrel, delivered.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-Mar. 27	1936 Jan. 1-Mar. 27
Commercial crude oil production	279,355,000	242,823,000
	Week ended Mar. 27, 1937	Week ended Mar. 28, 1936
Daily average production	3,439,100	2,837,500
	Week ended Mar. 20, 1937	Week ended Mar. 13, 1937
Estimated motor fuel stock total.....	81,623,000	81,236,000
Estimated finished motor fuel stock at re-		

U.S. to Sell Louisiana Oil Leases

The Secretary of the Interior has authorized the sale of oil and gas leases on lands in the Rodessa oil and gas field, Caddo parish, Louisiana, comprising unit number one, 40 acres, and unit number two, 113.38 acres. The supervisor of oil and gas operations, Geological Survey, or his representative, will open the sale at 12:00 o'clock noon, April 23, in the Federal court room, Post Office building, Shreveport, La.

Carter Oil Increases Leases

The Carter Oil Company, operating subsidiary of the Standard Oil Company of New Jersey, has acquired leases on 4,320 acres of patented land in the Shawnee Creek area of Converse county, Wyoming, through the Keeline structure, Niobrara county, obtaining oil and gas rights with a tenure of five years of 60 cents an acre annual rental and 12½ percent royalty reserved to the landowner. Of this land, 3,200 acres lie in Niobrara county, and 1,120 acres in Converse county. The company has about 10,000 acres under lease in the section.

Obituaries

Henry Van Den Bergh

Henry Van den Bergh, former chairman of Van den Berghs, Ltd., the great vegetable oil and margarin combine, London, Eng., has died at Nice.

Mr. Van den Bergh was born in the Netherlands in 1851 and, apart from his business interests after he had gone to Britain, was a well-known pottery collector. He was an ardent philanthropist.

Andrew Baumgartner

Andrew Baumgartner, associated with the drug and spice grinding business in Baltimore for nearly seventy years, died in his home in that city March 22, after a short illness. He was eighty-three years old. For many years, Mr. Baumgartner was with the firm of Gilpin, Langdon & Co. Thirty-four years ago, he went into the manufacture of flavoring extracts under his own name, and continued in business until advancing years forced his retirement. He was a member of the Masonic fraternity and an active member of the Baltimore Drug Trade Bowling Association from its inception in 1896, and was credited with many high scores. Surviving are two sons, Andrew H. Baumgartner, Baltimore, and John Baumgartner, Chicago, and three daughters.

William S. Brimijoin

William S. Brimijoin, safety engineer for the Hercules Powder Company, died in his home in Middletown, Del., March 23, following an illness of several weeks. He was fifty-seven years old. Mr. Brimijoin was born in Lisbon Falls. Me., and entered the employment of the duPont cmpany in 1906 as acid supervisor at the Repauno plant. He served at several plants and in 1914 became associated with the Hercules Powder Company. He served as assistant superintendent at various plants and superintendent at others and became safety engineer for the safety and service department in 1931. Surviving are his wife, Mrs. Eleanor O. Brimijoin; three daughters, Mrs. Ellen Brown, New York; Mrs. Mary Whitmer, Ann Arbor, Mich., and Miss Betty Brimijoin, Middletown; and a son, William S. Brimijoin, a student at Lehigh University.

Dr. Willis G. Gregory

Dr. Willis G. Gregory, for forty-six years dean of the University of Buffalo School of Pharmacy, died of a cerebral hemorrhage March 20 in his home in Buffalo. He was seventy-nine years old. Dr. Gregory, who received an M.D. from the university in 1882, owned a drug store from 1888 to 1906. He was one of the first members of the faculty of the university when it was established fifty-one years ago, and was also a trustee. He was a life member of the American Pharmaceutical Association and twice president of the New York State Pharmaceutical Association. In 1885 he married Gertrude A. Fargo, who died in 1915.

Mrs. Alice du Pont, widow of Senator T. Coleman du Pont, died March 19 in her home in Wilmington, Del. She was seventy-four years old. Like her husband, who died more than six years ago, she was widely known for her philanthropic activities, and contributed largely to the Boy Scouts, the Y. M. C. A. and other movements. Surviving are a son, Francis du Pont; three daughters, Mrs. C. Douglass Buck; Mrs. Ellen du Pont Meeds, Wilmington, and Mrs. J. Willcox Donaldson, Millbrook, N. Y., and a sister, Mrs. Bruce Ford, Chestnut Hill, Pa.

James Lafayette Hutchison, advertising manager of the United Drug Company, died March 21 in his home in Cambridge, Mass. He was forty-seven years old. Surviving are his wife, the former Dorothy Dwight Power; a daughter, Miss Deborah Hutchison, and a stepdaughter, Miss Stephania Townsend.

Sir Thomas Mottram, chief inspector of mines for the British Government from 1920 to 1924, and one of the world's leading mining experts, died in Doncaster, England, March 24. He was seventy-eight years old. Sir Thomas was chairman of the Yorkshire and North Midland Timber Committees, and of the Colliery Recruiting Courts, during the World War. In 1882 he received the Albert medal for bravery at the Baddesley colliery explosion.

William C. Vance, formerly superintendent of the Louisville Varnish Company, Louisville, Ky., died of heart disease March 20 in his home in that city. He was sixty-four years old. Mr. Vance had been employed by the company for forty-seven years, and retired about a year and a half ago because of ill health. Surviving are his wife, Mrs. Louise Vance; two sons, the Rev. John W. Vance and F. Robert Vance; a daughter, Mrs. Walter Pedigo; his mother, a brother, and a sister.

Fertilizer Materials

Spot Demands for Potash Salts Reach Sellers—Sulphate of Ammonia Output Heavy as Steel Operations Increase —Interest in Organic Futures Dulled

Forward interest in fertilizer raw materials seemed to have disappeared from the market last week as quiet enveloped all of the leading centers of trading. Spot trading for fill-in needs was also light. Spot season demands for supplies of potash salts showed a progressive increase in frequency each day and the call for deliveries which were being booked at full list prices was quite satisfying to the sellers. Relatively, potash purchasing has been running ahead of the fertilizer demand this season and if the spot season's needs reach the volume that the early spot orders indicate, the season should end with the best record for potashes in their commercial history in this country.

Steel mill operations were now estimated to be at 90 percent of capacity, the highest operating level in some years, and sulphate of ammonia production at the steel mills was large. An extended demand for sulphate had kept consumption close to the production rate in recent weeks, but the output was now estimated to be far beyond demand. Sulphate's current position was firm and the market has been considered technically capable of price enhancement for the new season, but a sustained production at the current rate and an immobile surplus of stocks at the ovens at the end of this season might alter the picture for the future.

Superphosphate suppliers have been shipping out a substantial tonnage, particularly of 20 percent grade. The continual bullishness on the market's prospects for next season was the most notable part of the market in selling circles.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, import, shipt., 15c. per unit.
Fish scrap, Chesapeake, menhaden, 25c. per unit-ton.
acidulated, 30c. per unit-ton.
Hoof meal, Chicago, 15c. per unit.
Tankage, dom., Chicago, all grades, 25c. per unit-ton.
New York, unground, 15c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
64.0	**64.0**	**64.0**	**58.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The prices continued at the schedule that has been in force for the past several months. The demands of the market were fairly active again last week and the movement out of sellers' hands over the past few weeks has reached nice proportions.

Sulphate of Ammonia.—Production of sulphate, as it may be gauged by the rate of operations in steel mills, became increasingly closer to capacity last week as steel operations were estimated to have been around 90 percent of capacity. During recent weeks the demand kept surprisingly close to the production but the output at this time was believed far larger than current needs. And some observers have indicated that they did not expect demand to keep their present volume for very long.

Cyanamide.—The market held firm at the latest price advance, which took place three weeks ago. Quotations were now $1.10 per unit of ammonia, f.o.b. Atlantic ports, and $1.15 per unit, f.o.b. Gulf ports or delivered to interior points.

Dried Blood.—The price for foreign material continued to rise. Following sales at $3.75 per unit a week ago, importers quoted $3.90 per unit for April-May shipments from abroad, basis c.i.f. There were no sales at the $3.90 figure, but even buyers' bids of $3.80 failed to attract the sellers away from their asking figure. The New York market was firm with sales reported at $4.10 per unit, which was reported in the late market summary of last week's issue. Some of the blood bought in New York in recent weeks has been moving South. The Chicago market was also firm at $3.75 per unit.

Castor Pomace.—The recent offerings of foreign for shipment were evidently sold as the offering price of $23 per ton, c.i.f. has disappeared from the market. The domestic sellers quoted $23 per ton, f.o.b. producing point.

Fish Scrap.—Chesapeake menhaden scrap futures were sold at $3.75 per unit, f.o.b. factory, basis when-and-if-made. This price was 25c. per unit over the season's opening price of a few weeks ago. The position of the acid scrap was determinable best by individual negotiation with sellers who were prepared to offer. Some were holding for $3.15 and 50c. per unit-ton or higher, basis factories for future delivery. Japanese sardine meal was nominal around $55 per ton on spot; April shipment from abroad remained at $47 to $48 per ton, and July shipment from abroad was quoted at $46 per ton.

Hoof Meal.—The Chicago market continued to move higher last week as the holders of supplies asked $3.65 per unit, compared with $3.50 per unit a week ago and $3.25 per unit a fortnight ago.

Nitrogenous Material.—The market's position did not change from a week ago. The prices were more or less in a nominal state because of the light supplies offered. The latest offerings heard from abroad were those of a few weeks ago at $3.20 and $3.25 per unit for Summer and Fall shipment. The Western market's position was purely nominal.

Tankage.—The local market was pretty well bare of stocks. At this writing there was only one car offered for sale with $4 and 10c. per unit-ton as the trading price. Latest sales of local production were recorded at $3.95 and 10c. per unit-ton for a parcel of unground material. Fertilizer grade material in Chicago was 25c. higher at $3.75 and 10c. per unit-ton quoted, and the feeding grade was also marked up 25c. per unit to $4 and 10c. per unit-ton. The latest quotations for imported were $3.90 and 10c. per unit-ton for March-April shipment from abroad.

Potashes

The spot demand has made its way to the market and the early requests for deliveries were quite satisfying to the sellers. Of course, orders booked for shipment now were taken at the full list prices. Spot orders were expected to show progressive improvement over the next several days. A good spot season should cap the current potash season as one of the best in the commercial history of potashes in this country. Potash purchases have been running in excess of the fertilizer consumption this year. A Department of Commerce report from Jerusalem stated that the British company operating the mineral salts concession in the Dead Sea increased the production of potash during 1936. The value of exports, converted into dollars at the rate of $5 for each Palestine pound, was $287,575 during the first nine months of 1936, against $232,960 in the corresponding months of 1935.

Phosphates

Bone materials were in very light supply and the holders of supplies very firm in their price views. Bone materials for all sorts of consuming industry have been short all over the world this year. Companionate with the shortage of bone materials as a feature in the phosphate market, the continual bull position in the market's gossip for superphosphate for next year was another outstanding characteristic.

Bone Materials.—While prices did not undergo any change during the past week, the market was firm in every direction. Inquiries for foreign and domestic bone were frequent but the offerings were limited.

Superphosphate.—There has been a very good demand, particularly for 20 percent material used in the soil building and pasture crop program. As reported several times in the past, the producers have been talking of higher prices for the coming season.

Sulphur and Pyrites

The Texas House passed a bill on Monday of last week which would increase the severance tax on sulphur in that State from $1.03 per ton to $1.28 per ton, an increase of 25c. per ton. The measure was sent to the Senate but had not been reported on the floor in the Senate up to the present writing. The opinion among sulphur circles was that the Senate would probably concur with the ideas of the House and that the tax would be boosted 25c. per ton. It was doubted that a 25c. increase in the tax would result in higher sulphur prices to the manufacturing consumer, according to unofficial and private opinions in sulphur market circles.

Markets at Other Centers

Atlanta, Mar. 24.—Fertilizer manufacturers were rapidly reducing their stock of mixed goods in the lower South with the movement getting actively under way in the upper South. The general opinion among fertilizer manufacturers was that the demand will be 10 to 15 percent greater this year than last.

Weather continued favorable to land preparation and rapid progress is overcoming to considerable extent the lateness of this operation. Complaint is heard from farmers of the scarcity of labor, due to industrial and public work demands.

Prices of materials reported show no marked changes. The spot demand is for fill-in materials to complete the season's production of mixed fertilizers.

Quotations of prices are as follows:—

SUPERPHOSPHATE.—$11.30 ton, interior producing points.

NITRATE OF SODA.—$25.50 ton, bulk, ports.

SULPHATE OF AMMONIA.—$27 ton, bulk, port basis.

COTTONSEED MEAL.—7 percent grade, $34 ton, interior mills.

NITROGENOUS.—Foreign, future delivery, $3.20 unit.

TANKAGE.—$3.85 to $3.90 and 10c. per unit, ports.

BLOOD.—Nominal at $3.75 per unit, port basis.

BONE.—Raw bone, 4½ and 50 at $36.50 per ton, ports.

Baltimore, Mar. 24.—Shipments of mixtures have not gotten under way in any volume, and buyers were cautious. The prevailing figures were as follows:—

FISH SCRAP.—Sales of unground were made at $3.75 and 10c., with acid scrap held at approximately $3.25 and 50c. per unit-ton. Buyers' ideas of the latter were somewhat under this level, but the figures mentioned vary so much that no definite quotation can be named as representing the market. Menhaden meal held at $58 to $59 per ton, with Japanese sardine meal at $54 to $55 per ton.

TANKAGE.—Unground was quoted at $3.75 and 10c. to $3.90 and 10c. per unit-ton, with ground held at $4 and 10c. to $4.15 and 10c. per unit-ton.

BLOOD.—The market was $3.80 to $4 per unit for March-April shipment from abroad.

SUPERPHOSPHATE.—The market was very firm even while the inquiry remained fairly quiet.

GARBAGE TANKAGE.—The figure generally mentioned now is around $9 per ton at shipping point, which would make the price f.o.b. Baltimore approximately $13.50 per ton, a substantial advance over the figures that have prevailed.

NITROGENOUS MATERIAL.—The volume of business done in this product was moderate, with April shipments subject to prior sale held at $3.60 per unit.

BONE.—4½ and 50 ground raw stocks were $38 per ton for domestic, with 3 and 50 ground steamed supplies from foreign sources for March to June at $24 to $25 per ton, c.i.f.

Chicago, Mar. 25.—Forward business in the various grades of fertilizer materials proceeded at a conservative pace. Most buyers of blood and other products were biding their time in taking materials, although inquiries were such as to indicate continuing good interest in the market. Blood was little changed in its market position and was offered in fair amounts, with buying moderate. Tankage has been ruling around levels formerly in effect, with most sellers holding. Bone materials were slow but have a rather firm undertone.

BLOOD.—Principal grade, $3.50 to $3.75 per unit of ammonia.

TANKAGE.—High grade, $3.50 to $3.65 and 10c.; low grade, $19 to $20, Middle West; liquid stick, $2.25 to $2.40; hoof meal, $3.50 to $3.75.

BONE MATERIALS—Ground, steamed bone, 1¼ and 60 percent, $20 to $21; 3 and 50 percent, $21 to $23; 4½ and 50 percent, $28 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $25; junk and hotel kitchen bones, $22 to $24; cattle jaws, skulls and knuckles, $31 to $34; pork cracklings, soft pressed, $60 to 65; beef cracklings, soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 82½c. to $85c.

San Francisco, Mar. 24.—A slight stiffening in the tankage market was noted here last week, aside from which no particular market features were apparent. Resale activity on a number of items figured in the week's buying, but the trade at large was disinclined towards purchasing ahead for any material amount of its requirements. Just at the moment deliveries are very good, imports arriving in volume and domestic products are finding their way into the agricultural sections, most of which were being applied to fill previous contracts. Intensive and prolonged rains have been causing a little concern in the growing sections, as it is felt that if the showers continue much of the material already spread out on the ground will be washed away. What is needed immediately is a period of sunny weather.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.50 per ton; bulk lots $26 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50 per ton. Prices good for delivery to June.

AMMONIA PHOSPHATE.—Quoted at $39 per ton, single bags; $39.50 per ton, paper-lined bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A.; Inland points, delivered, $1 per ton extra.

POTASH NITRATE.—100-pound bags, $31 per ton ex vessel or warehouse, San Francisco/Oakland.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign, 75c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal quoted at $52.50 per ton, prompt shipment, f.o.b. cars, Monterey/San Francisco, with one reported sale last week at $50. Resale materials have been in the market. Japanese sardine meal quoted on the basis of $39 per ton for fertilizer grade, ex dock, San Francisco, with machine made material at $44.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
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Calvert and Read Streets, Baltimore, Md.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, is quoted at $3.75 and 10c. per unit-ton, f.o.b. cars, San Francisco and Los Angeles, nominally. Dry rendered, ground, quoted at 95c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 85c. per unit.

BONE MEAL.—Domestic meal, steamed, quoted in range, according to seller and quality at $35 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic quoted at from $3.50 to $3.55 per unit, nominally, f.o.b. cars, San Francisco and Los Angeles.

Trade-Names and Brand-Names

Materials Used in Chemical Processing Industries

Fully Protected by Copyright

Fifty-seventh Instalment

Levelol; oil used in cotton dyeing; American Cyanamid & Chemical Corporation, New York.

Levosol (Sodium silicofluoride); Jungmann & Co., New York.

Lewis lye; Pennsylvania Salt Manufacturing Company, Philadelphia.

Lewis smoked salt; for meat packing; Pennsylvania Salt Manufacturing Company, Philadelphia.

Lewisol; synthetic resins; John D. Lewis, Inc., Providence, R. I.

Lewoflex; synthetic resins; John D. Lewis, Inc., Providence, R. I.

Lexinol (Vegetable lecithin); for cosmetic emulsions; American Lecithin Corporation, Elmhurst, N. Y.

Liberty ammonium sulphate; United States Steel Products Company, New York.

Liberty chlorinated lime; Pennsylvania Salt Manufacturing Company, Philadelphia.

Liberty dyes; Ezekiel Brothers, New York.

Liberty sizes; L. Sonneborn Sons, Inc., New York.

Librolac; coating for book bindings; Wabash Products Company, Terre Haute, Ind.

Lienau (Terpineol); Pfaltz & Bauer, Inc., New York.

Lignolac; substitute for shellac; Truscon Laboratories, Detroit.

Lignophol; wood preservative; L. Sonneborn Sons, Inc., New York.

Lightning leather dyes; Whittemore Brothers Corporation, Cambridge, Mass.

Lilacene; perfume base; Stafford Allen & Sons, Ltd., London, England.

Lilacine; violet coloring for foods; Compagnie Parento, Croton-on-Hudson, N. Y.

Lilacol; synthetic aromatic; Synfleur Scientific Laboratories, Monticello, N. Y.

Lilanthrene; synthetic odorants; Firmenich & Co., Geneva, Switzerland.

Limall; magnesium-calcium fertilizer material; Solebury Agricultural Lime Company, New Hope, Pa.

Lime Crest Filler (whiting); for use in rubber making; Limestone Products Corporation of America, New York.

Limecone food colors; National Aniline & Chemical Company, New York.

Limital; textile-finishing preparation; H. Th. Bohme A. G., Chemnitz, Germany.

Lindeized compressed gases; Linde Air Products Company, New York.

Lindera; synthetic perfume base; Synfleur Scientific Laboratories, Inc., Monticello, N. Y.

Lindol (Tricresyl phosphate); Celluloid Corporation, Newark, N. J.

Lindox; compressed gas for welding and heating; Linde Air Products Company, New York.

Linsol; colors soluble in oils; Williams (Hounslow), Ltd., Hounslow, England.

Linsolite; substitute for linseed oil; William Butler & Co., Bristol, England.

Lint-a-out; sizing materials; National Sands, Inc., New York.

Lion Noir chemicals and dyes; S. A. des Produits du Lion Noir, Montrouge, France.

Lipon; hide-treating fat liquor; Rohm & Haas Company, Philadelphia.

Liquitol; heat-retention agent for use in casting metals; Alpha Lux Company, New York.

Lissamine wool dyes; Imperial Chemical Industries, Ltd., London, England.

Lissapol A; textile wetting and softening agent; Imperial Chemical Industries, Ltd., London, England.

Lissapol A; improver for color of chrome tanned leather; Imperial Chemical Industries, Ltd., London, England.

Lissom; textile size and finisher; Liverpool Borax Company, Liverpool, England.

(To be continued)

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
American Maize Products Co	Com.	Q.	25c.	Mar. 31	Mar. 24
American Maize Products Co	Pfd.	Q.	$1.75	Mar. 31	Mar. 24
Autoline Oil Co	Pfd.	Q.	20c.	April 1	Mar. 25
Badger Paint & Hardware Stores	Com.	Q.	50c.	April 1	Mar. 25
Barnsdall Oil Co	.....	Q.	25c.	May 1	April 10
Bon Ami Co	A com.	Q.	$1.00	April 30	April 15
Bon Ami Co	B com.	Q.	62½c.	April 30	April 15
Crown Drug Co	Com.	..	10c.	April 10	April 1
Devoe & Raynolds, Inc	Cl A	Q.	75c.	April 1	Mar. 20
Devoe & Raynolds, Inc	Cl. B	Q.	75c.	April 1	Mar. 20
Devoe & Raynolds, Inc	2d pfd.	Q.	$1.75	April 1	Mar. 20
Dixon (Joseph) Crucible Co	Com.	..	$1.00	Mar. 31	Mar. 22
Dome Mines, Ltd	.....	Q.	50c.	April 20	Mar. 31
Dominguez Oil Fields Co	.....	..	25c.	Mar. 31	Mar. 22
Dow Drug Co	Pfd.	Q.	$1.75	April 1	Mar. 20
Eason Oil Co	Pfd.	1st	37½c.	April 5	Mar. 31
Famise Corp. (Del.)	A com.	Q.	6¼c.	April 1	Mar. 20
Ferro Enamel Corp	Com.	..	25c.	Mar. 31	Mar. 20
Gair (Robert) Co	Pfd.	Q.	75c.	Mar. 31	Mar. 25
International Nickel (Can.)	$100 pfd.	Q.	$1.75	May 1	April 1
International Nickel (Can.)	$5 pfd.	Q.	8¾c.	May 1	April 1
International Printing Ink Co	Com.	Q.	50c.	May 1	April 20
International Printing Ink Co	Pfd.	Q.	$1.50	May 1	April 20
Johns-Manville Corp	Com.	Q.	75c.	Mar. 30	Mar. 22
Jones & Laughlin Steel Corp	Pfd.	..	$1.75	April 10	Mar. 26
MacAndrews & Forbes	Com.	Q.	50c.	April 15	Mar. 31
MacAndrews & Forbes	Pfd.	Q.	$1.50	April 15	Mar. 31
McColl Frontenac Oil Co	Pfd.	Q.	$1.50	April 15	Mar. 31
Metal & Thermit Corp	Pfd.	Q.	$1.75	Mar. 31	Mar. 20
Miller Wholesale Drug Co	Com.	..	12½c.	April 1	Mar. 20
Nu-Enamel Corp	.....	Q.	15c.	April 1	Mar. 22
Paraffine Cos	Pfd.	Q.	$1.00	April 15	April 1
Philadelphia Co	Com.	..	20c.	April 26	April 1
Philadelphia Co	Pfd.	S.	$1.50	May 1	April 1
Root Petroleum Co	Pfd.	Q.	30c.	April 1	Mar. 22
Rubinstein (Helena), Inc	Cl. A	Q.	25c.	April 1	Mar. 19
Stearns (Frederick) & Co	Com.	Q.	25c.	Mar. 31	Mar. 26
Stearns (Frederick) & Co	Pfd.	Q.	$1.25	Mar. 31	Mar. 26
Thermoid Co	Pfd.	Q.	75c.	Mar. 24	Mar. 19
Victor Oil Co	.....	Spl.	20c.	Mar. 26	Mar. 24
Weinberger Drug Stores, Inc	Com.	Q.	40c.	April 1	Mar. 22
Young (J. S.) Co	Com.	Q.	$1.50	April 1	Mar. 19
Young (J. S.) Co	Pfd.	Q.	$1.75	April 1	Mar. 19

Corporation Earnings Recently Reported

	Period.	1936 Net income.	1936 Per share.	1935 Net income.	1935 Per share.
Alaska Juneau Gold Mining Co	1936	$1,719,490	$1.15	.....	...
Aluminum Goods Mfg. Co	1936	1,377,246	1.24	$924,126	$0.83
American Potash & Chemical Corp	1936	1,907,550	...	931,059	...
Asbestos Corp	1936	221,152	1.67	15,415	.12
Bourjois, Inc	1936	445,126	.82	133,355	.02
Callahan Zinc-Lead Co	1936	*68,704	...	.....	...
Calumet & Hecla Consol. Copper Co	1936	852,122	.42	*617,188	...
Carnation Co	1936	1,904,038	2.83	1,140,212	1.65
Certain-teed Products Corp	1936	*571,250	...	*259,978	...
Climax Molybdenum Co	1936	5,206,111	2.07	3,227,767	1.28
Flintkote Co	1936	1,171,034	1.75	1,309,779	1.96
Heyden Chemical Corp	1936	555,540	3.56	504,832	3.22
Honolulu Oil Corp	1936	1,070,512	1.14	364,886	.39
Katz Drug Co	1936	472,763	...	417,936	...
Kellogg (Spencer) & Sons	24 wks.	704,387	1.41	584,143	1.17
Lindsay Light & Chemical Co	1936	26,809	.18	52,089	.63
Magma Copper Co	1936	1,297,990	3.18	665,697	1.63
National Refining Co	1936	472,367	...	112,150	...
Nipissing Mines Co	1936	298,363	.25	458,464	.38
Ohio Oil Co	1936	7,881,571	.70	5,488,268	.34
Panga Panhandle Prod. & Ref. Co	1936	154,405	.10	*26,009	...
Phillips Petroleum Co	1936	17,875,489	4.02	12,421,704	3.23
Pittsburgh Plate Glass Co	1936	15,321,834	7.27	11,398,739	5.32
Salt Dome Oil Corp	1936	*170,511	...	*62,021	...
Standard Oil Co. (Neb.)	1936	74,326	.42	*20,919	...
Standard Oil Co. (Ohio)	1936	4,194,314	4.77	2,690,647	2.77
Sunray Oil Corp. (Del.)	1936	550,440	.26	333,837	.21
Sun Ray Drug Co	1936	229,405	2.21	190,617	1.76
Transwestern Oil Co	13 mos.	44,410	...	.....	...

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ACETIC—4 cs, Tennessee Prod Corp, Manhattan, Havre
CARBONIC — 15 flsks, W E Stewardson, Hamburg, Hamburg
CRESYLIC—50 dms, Chase National Bank, Veendam, Rotterdam
20 dms, Scythia, Liverpool
100 dms, White Tar Co, Scythia, Liverpool
NAPHTHENIC—130 dmsfl 65,967 lbs, Shell Union Oil Corp, Exilona, Constanza
SOYBEAN OIL—135 dms, Half Moon Mfg & Trad Co, Beemsterdijk, Rotterdam
100 dms, Half Moon Mfg & Trad Co, Black Hawk, Rotterdam
STEARIC—133 bgs, Orbis Product Corp, Scythia, Liverpool
ACONITE ROOT—3 bgs, J L Hopkins & Co, Exeter, Marseilles
AGAR AGAR—20 bls, Naruto, Yokohama
ALBUMEN, BLOOD—8 cks, 4,043 lbs, Morningstar-Nicol, Hamburg, Hamburg
EGG, HEN—15 cs, D L Moss & Co, Sanyo, Shanghai
56 cs, T M Duche & Sons, Sanyo, Kobe
56 cs, Bridges, Neumer & Co, Sanyo, Kobe
140 bbls, Consumers Import Co, Sanyo, Kobe
22 cs, Bridges, Neumer & Co, Sanyo, Kobe
28 cs, Consumers Import Co, Sanyo, Kobe
56 cs, Henningsen & Co, Sanyo, Kobe
ALOE—20 cs, City of Shanghai, Aden
AMMONIA, SULPHATE—500 bgs, Bradley & Baker, Beemsterdijk, Rotterdam
500 bgs, Bradley & Baker, Veendam, Rotterdam
AMMONIAC SAL — 150 cks, 37,950 lbs, Sagaporack, Gdynia
ANTIMONY, ORE — 354 bgs, Philipp Bros, Santa Lucia, Arica
700 bgs, Santa Lucia, Arica
1,426 bgs, Philipp Bros, Santa Lucia, Antofagasta
OXIDE—381 bgs, Naruto, Hongkong
REGULUS—500 cs, Royal Bank of Canada, Sanyo, Shanghai
100 cs, Wah Chang Trading Corp, Sanyo, Shanghai
250 cs, Sanyo, Shanghai
250 cs, Wah Chang Trading Corp, Sanyo, Hankow
ARROWROOT—200 bbls, 300 bgs, Morningstar-Nicol, Nerissa, St Vincent
20 cs, J P Smith & Co, American Trader, London
ARTISTS MATERIAL—3 cs, Gallagher & Ascher, Black Hawk, Rotterdam
4 cs, Winsor & Newton, Ausonia, London
ASBESTOS—38 bgs, Exeter, Genoa
2,149 bgs, Johns Manville Corp, West Isleta, Capetown
370 bgs, Standard Bank S A, West Isleta, Capetown
15 bls, West Isleta, Lourenco
5,667 bgs, Raw Asbestos Distr, West Isleta, Beira
BARIUM SULPHATE—40 bgs, W R Grace & Co, Santa Lucia, Valparaiso
BARK, MEDICINAL—100 bgs, 11,000 lbs, Hamburg, Hamburg
1 bg, R D Hines, Hamburg, Hamburg
BARYTES—3 Cars, F E Schindler Co, Seatrain New Orleans, Havana
2,800 bgs, Smith Chem & Color Co, Aakre, Genoa
2,000 bgs, Whittaker, Clark & Daniels, Lucia C, Venice
BISMUTH LEAD—108 cs, Cerro de Pasco Copper Corp, Santa Lucia, Callao
BLANC FIXE—10 cks, Philipp Bros, Veendam, Rotterdam
BRISTLES—21 cs, F H Cone & Co, Sanyo, Osaka
14 cs, Dodwell & Co, Sanyo, Kobe
4 cs, Iwai & Co, Sanyo, Kobe
30 cs, Bank of London South America, Sanyo, Kobe
50 cs, Sanyo, Kobe
25 cs, Sanyo, Shanghai
55 cs, Royal Bank of Canada, Sanyo, Dairen
45 cs, Royal Bank of Canada, Sanyo, Kobe
50 cs, Brown Bros Harriman Co, Sanyo, Kobe
3 cks, Manhattan, London
4 cs, Globe Shipping Co, Hamburg, Hamburg
7 cs, Bank of London South America, Naruto, Haiphong
16 cs, Tradesman Natl Bank, Naruto, Haiphong
20 cs, Philadelphia Natl Bank, Naruto, Haiphong
17 cs, F H Cone & Co, Naruto, Kobe
7 cs, Iwai & Co, Naruto, Kobe
27 cs, Ausonia, London
26 cs, Chesnut, Cooper & Co, Queen Mary, Southampton
15 cs, Queen Mary, Southampton
15 bbls, Public Natl Bank, Veendam, Rotterdam
2 bbls, Globe Shipping Co, Sagaporack, Gdynia
6 cs, M Broverman & Son, American Trader, London
18 cs, Continental Bank Trust Co, American Trader, London
18 cs, American Trader, London
5 cs, Tradesman Natl Bank, American Trader, London
BRONZE POWDER—10 dms, 1 cs, R F Downing & Co, Manhattan, Bremen
14 cs, J J Coates, Hamburg, Hamburg
BUCHU LEAVES—16 bls, S B Penick & Co, Manhattan, Southampton
5 bls, R J Prentiss & Co, Manhattan, Southampton
15 bls, Manhattan, Southampton
CADMIUM, METAL — 334 cs, Black Hawk, Antwerp
100 cs, Queen Mary, Southampton
CAMPHOR, CRUDE—1,260 cs, Mitsui & Co, Sanyo, Keelung
REFINED—5 cs, S H Kress & Co, Sanyo, Kobe
CARAWAY SEED—100 bgs, 11,000 lbs, Argosy Trad Co, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Beemsterdijk, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, Bunge North American Grain Co, Veendam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Veendam, Rotterdam
CARBON DECOLORIZING—75 bgs, L A Salomon & Bros, Veendam, Rotterdam
CARDAMOM—127 cs, Barber S S Co, Ausonia, London
CASEIN—134 bgs, D C Andrews & Co, Hamburg, Hamburg
40 bgs, A Hurst & Co, Paris, Havre
250 bgs, American Cyanamid & Chem Co, Paris, Havre
CASSIA—200 bls, A G Dunn, Naruto, Hongkong
BROKEN—300 bls, Naruto, Canton
BUDS — 100 cs, Irving Trust Co, Naruto, Hongkong
100 cs, Brown Bros, Harriman Co, Naruto, Hongkong
40 cs, Naruto, Hongkong
ROLLS—100 bls, Naruto, Hongkong
CASTOR BEANS—840 bgs, Baker Castor Oil Co, Pan America, Santos
CELERY SEED—10 bgs, 2,200 lbs, Knickerbocker Mills Co, Exeter, Marseilles
50 bgs, 11,000 lbs, I Harrison & Whitney, Exeter, Marseilles
20 bgs, 4,400 lbs, O Gerdau Co, Exeter, Marseilles
CHALK, BLOCK—Quantity, Taintor Trading Co, Sea Victory, London
PRECIPITATED—100 cks, 6 bgs, 12 tons, 13 cwt, 1 qtr, 6 lbs, H J Baker & Bros, Scythia, Liverpool
CHAMOMILE FLOWERS—60 cs, 16,742 lbs, Hamburg, Hamburg
CHEMICALS—10 bbls, E I Du Pont de Nemours & Co, Rex, Genoa
77 dms, American Cyanamid & Chemical Co, Beemsterdijk, Rotterdam
46 cs, Michel Export Co, Beemsterdijk, Rotterdam
221 bgs, Robinson, Wagner Co, Beemsterdijk, Rotterdam
195 cks, Ore Chemical Works, Beemsterdijk, Rotterdam
30 cs, 4,158 lbs, Innis, Speiden Co, Manhattan, Hamburg
2 cs, Elmer & Amend, Manhatan, Hamburg
2 cks, 9 cs, Hamburg, Hamburg
20 cks, Jungmann & Co, Hamburg, Hamburg
11 bbls, National City Bank, Hamburg, Hamburg
10 cs, 1 pkg, Pfaltz & Bauer, Hamburg, Hamburg
7 cs, Parke, Davis & Co, Hamburg, Hamburg
10 bbls, 40 cs, Hummel Chemical Co, Hamburg, Hamburg
1,016 bgs, 100 chys, Advance Solvents & Chemical Co, Hamburg, Hamburg
20 cks, Jungmann & Co, Hamburg, Hamburg
1 cs, Allondon S A, Hamburg, Hamburg
3 bbls, Hoffman La Roche, Hamburg, Hamburg
400 bgs, American Cyanamid & Chemical Co, Hamburg, Hamburg
191 bbls, Innis, Speiden & Co, Aakre, Marseilles
100 cks, African Metals Corp, Black Hawk, Antwerp
20 cks, National Carloading Corp, Black Hawk, Rotterdam
6 cks, Black Hawk, Rotterdam
2 cks, Lo Curto & Funk, Ansonia, London
20 dms, 2 cs, Michel Export Co, Veendam, Rotterdam
25 dms, Philip Bauer Co, Veendam, Rotterdam
6 dms, General Aniline Works, Veendam, Rotterdam
7 cks, 2 dms, Advance Solvents & Chemical Co, Veendam, Rotterdam
2 cs, A Maschmeyer, Veendam, Rotterdam
20 dms, Advance Solvents & Chemical Co, Tyrifjord, Oslo
5 pkgs, Ciba Co, Paris, Havre
24 pkgs, Fulton Dye & Import Co, Paris, Havre
5 cks, Morris Export Co, Paris, Havre
CHILLIES—150 bgs, Santa Lucia, Balboa
CHINA CLAY—1,400 bgs, 159,588 lbs, J Dixon Crucible Co, Hamburg, Hamburg
80 cks, Premier Shipping Co, Ansonia, London
CHROME ORE—2,010 tons, 9 cwt, 17 lbs, E J Lavino & Co, West Isleta, Lourenco Marques
2,510 tons, 1 cwt, 3 qtrs, 4 lbs, E J Lavino & Co, West Isleta, Beira
CINCHONA BARK—180 bls, New York Quinine & Chemical Works, Beemsterdijk, Rotterdam
19 cs, 1,845 lbs, W E Martin, Black Hawk, Rotterdam
PRODUCTS—3 cs, H W Greeff & Co, Beemsterdijk, Rotterdam
24 cs, H W Greeff & Co, Veendam, Rotterdam
CLAY—180 bgs, 39,600 lbs, W Manley, Manhattan, Hamburg
450 bgs, 99,000 lbs, W Manley, Hamburg, Hamburg
BURNT—320 bgs, Guy C Foster, Scythia, Liverpool
CLOVES—110 bls, Catz American Co, Tapanoeli, Macassar
65 bls, Catz American Co, Tapanoeli, Amboina
850 bls, West Isleta, Zanzibar
COALTAR DERIVATIVES—8 dms, General Aniline Works, Veendam, Rotterdam
INTERMEDIATES—130 dms, 36 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
189 cks, 27 dms, General Aniline Works, Veendam, Rotterdam
2 jugs, 73 dms, General Dyestuff Corp, Veendam, Rotterdam
PRODUCT—13 cs, Allondon S A, Hamburg, Hamburg
COCOA BEANS—15 bgs, Mecke & So, Carabobo, Curacao
1,200 bgs, Machado & Co, Carabobo, La Guidra
73 bgs, Schutte & Focke, San Juan, Barahona
500 bgs, Fruit Despatch Co, Quirigua, Pt Limon
300 bgs, Royal Bank of Canada, Nerissa, Grenada
450 bgs, Nerissa, Grenada
2,000 bgs, Curacao Trading Co, Rensselaer, La Guayra
500 bgs, Machado & Co, Rensselaer, La Guayra
25 bgs, Daggett Chocolate Co, Rosario, San Juan
50 bgs, Pastores, Port Paix
90 bgs, Transmarine Merc Corp, Pastores, Cape Haitien
104 bgs, W & A Leaman, Pastores, Cape Haitien
4,701 bgs, Balfour, Guthrie & Co, New Toronto, Koko
1,339 bgs, Balfour, Guthrie & Co, New Toronto, Grand Bassam
1,469 bgs, W & A Leaman, New Toronto, Lagos
10,657 bgs, Superintendence Co, New Toronto, Lagos
4,923 bgs, Balfour, Guthrie & Co, New Toronto, Lagos
600 bgs, Balfour, Guthrie & Co, New Toronto, Duala
7,803 bgs, Balfour, Guthrie & Co, New Toronto, Apapa
COCOA BEANS—2,918 bgs, Cie Francaise de L'Afrique, New Toronto, Lagos
336 bgs, W & A Leaman, New Toronto, Lagos
2,840 bgs, Balfour, Guthrie & Co, New Toronto, Lagos
4,000 bgs, Bank of Manhattan, New Toronto, Accra
11,570 bgs, Cie Francaise de L'Afrique, New Toronto, Port Bouet
1,526 bgs, Cie Francaise de L'Afrique, New Toronto, Grand Lahon
3,118 bgs, Cie Francaise de L'Afrique, New Toronto, Sassandra
78 bgs, W R Grace & Co, Santa Lucia, Cristobal
57 bgs, Schutte & Focke, Lima, Jeremie
459 bgs, Scythia, Liverpool
500 bgs, W R Grace & Co, Pan America, Port Spain
31 bgs, Lopez & Mangual, Tachira, Maracaibo
16 bgs, Mecke & Co, Tachira, Maracaibo
34 bgs, Meyer & Co, Tachira, Puerto Cabello
350 bgs, Nieschlag & Co, Tachira, Puerto Cabello
1,580 bgs, Machado & Co, Tachira, New Toronto, Puerto Cabello
1,250 bgs, Wessel, Kulenkamp & Co, Almena, Trujillo
400 bgs, Wessel, Kulenkampf & Co, Almena, San Pedro
2,700 bgs, Machado & Co, Almena, Sanchez
364 bgs, Gillespie & Co, Almena, Sanchez
1,857 bgs, Curacao Trading Co, Almena, Sanchez
500 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
250 bgs, Curacao Trading Co, Almena, Puerto Plata
250 bgs, Gillespie & Co, Almena, Puerto Plata
100 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
100 bgs, Machado & Co, Ponce, Puerto Plata
250 bgs, Carr Bros, Ponce, Puerto Plata
200 bgs, Royal Bank of Canada, Ponce, Puerto Plata
140 bgs, Curacao Trading Co, Ponce, Puerto Plata
COCONUTS — 300 bgs, 30,000 lbs, Standard Fruit & S S Co, Amapala, La Ceiba
341 bgs, 34,100 lbs, Durkee Famous Foods, Nerissa, Trinidad
650 bgs, 65,000 lbs, Durkee Famous Foods, Nerissa, St Lucia
4 bgs, 400 lbs, F S Maynard & Sons, Nerissa, St Lucia
150 bgs, 15,000 lbs, General Foods Corp, Rensselaer, Georgetown
200 bgs, 20,000 lbs, H Schnell, Rosario, Mayaguez
78 bgs, 7,800 lbs, J Simon, Rosario, Mayaguez
172 bgs, 17,200 lbs, General Foods Corp, Rosario, Mayaguez
19 bgs, 1,900 lbs, I L Toledano Corp, Rosario, San Juan
486 bgs, 48,600 lbs, General Foods Corp, Rosario, San Juan
90 bgs, 9,900 lbs, Universal Import & Export Co, Rosario, San Juan
350 bgs, 35,000 lbs, General Foods Corp, Pastores, Cristobal
3,885 bgs, 388,500 lbs, General Foods Corp, Pastores, Kingston
1,250 bgs, 125,000 lbs, A N Leakway, Pastores, Kingston
400 bgs, 40,000 lbs, Universal Import & Export Co, Pastores, Kingston
40 bgs, 4,000 lbs, West Indies Prod Corp, Almena, Sanchez
55 bgs, 5,500 lbs, J Simon & Co, Ponce, Puerto Rico
1,156 bgs, 115,600 lbs, General Foods Corp, Musa, Puerto Castilla
COLORS—14 pkgs, Morris Export Co, Beemsterdijk, Rotterdam
6 bbls, Reichard, Coulston, Paris, Havre
1 cs, A Brown & Bros, Paris, Havre
DRY—40 cks, C J Osborn & Co, Veendam, Rotterdam
EARTH—9 cks, Calco Chem Co, Hamburg, Hamburg
PIGMENT—5 jugs, General Dyestuff Corp, Veendam, Rotterdam
COPAIBA BALSAM—20 cs, 2,000 lbs, Dodge & Olcott Co, Quirigua, Cristobal
20 cs, 2,000 lbs, Fritzsche Bros, Quirigua, Cristobal
CORIANDER SEED—173 bgs, Hamburg, Hamburg
CORK—225 pkgs, Cork Import Co, Exeter, Marseilles
139 bls, Armstrong Cork Co, Exeter, Marseilles
VIRGIN—422 bls, L Mundet & Son, Marina, Lisbon
WASTE—21,222 bls, L Mundet & Son, Marina, Lisbon
WOOD—2,695 bls, L Mundet & Son, Marina, Lisbon
3,725 bls, Johnson Turner Trading Co, Exilona, Bona
65 bls, Veendam, Rotterdam
COTTON LINTERS—103 bls, Pan America, Santos
CREOSOTE—2 cs, Merckle & Galgano, Ausonia, London
CRYOLITE SYNTH—165 bgs, B & O R R, Hamburg, Hamburg
CUBEBS—16 bgs, Troilus, Singapore
DEXTRIN—20 bgs, Penson Co, Manhattan, Havre
DIVI DIVI—700 bgs, W & A Leaman, Pastores, Kingston
DRUGS, CRUDE—36 cs, Central Hanover Bank & Trust Co, Ausonia, London
DUTCH METAL—1 cs, B F Drakenfeld & Co, Manhattan, Bremen
DYES, ALIZARIN—44 cks, 13 jugs, General Dyestuff Corp, Beemsterdijk, Rotterdam
3 cks, E I Du Pont de Nemours & Co, Scythia, Liverpool
49 jugs, 59 cks, General Dyestuff Corp, Veendam, Rotterdam
ANILIN—2 cks, Beemsterdijk, Rotterdam
156 cks, 3 jugs, 1 cs, General Dyestuff Corp, Beemsterdijk, Rotterdam
2 cs, 10 dms, 255 cks, General Dyestuff Corp, Veendam, Rotterdam
EGG, YOLK, HEN—84 cs, J Lowe Corp, Sanyo, Kobe
112 cs, Sanyo, Kobe
112 cs, Irving Trust Co, Sanyo, Kobe
112 cs, Central Hanover Bank Trust Co, Sanyo, Kobe
56 cs, T M Duche & Sons, Naruto, Tientsin
86 cs, American Cyanamid & Chem Co, Naruto, Tientsin
ERGOT—23 dms, 2,554 lbs, Aakers, Seville
EUPHORBIA—40 bls, S E Penick & Co, Ausonia, London
FAT, VEGETABLE—10 dms, 1,210 lbs, Hummel Chem Co, Hamburg, Hamburg
FERTILIZER—100 bgs, F B Vandegrift & Co, Ausonia, London
12 bgs, R W Greeff & Co, Veendam, Rotterdam
FILTER, COMPOUND—80 bls, P H Petry & Co, Hamburg, Hamburg
MASSE—29 bls, Aug Giese & Son, Hamburg, Hamburg
PAPER—5 cs, H Reeve, Angel & Co, Ausonia, London
FLAXSEED—5,397,471 kilos, 215,899 bus, Archer Daniels Midland Co, Tonsbergfjord, Buenos Aires
5,048,000 kilos, 201,920 bus, Spencer, Kellogg & Sons, Tugela, San Nicolas
205,900 kilos, 83,200 bus, Spencer, Kellogg & Sons, Tugela, Buenos Aires
6,822 tons, 272,880 bus, Archer, Daniels Midland Co, Schwanheim, Rosario
1,638 tons, 65,520 bus, Archer, Daniels Midland Co, Schwanheim, Buenos Aires
FLORAL WATER—50 demjs, 5 cks, G Silver Import Co, Exeter, Marseilles
2 dms, Lehn & Fink, Exeter, Marseilles
2 crates, 10 demjs, Exeter, Marseilles
FLOWERS, MEDICINAL—4 bgs, R D Hines, Hamburg, Hamburg
GALANGAL ROOT—168 bgs, Sanyo, Kobe
GAMBIER—340 cs, Chase Natl Bank, Tapanoeli, Belawan, Deli
70 bgs, 425 cs, E E Androvette, Troilus, Singapore
221 cs, E E Androvette, Irisbank, Singapore
GELATIN—19 cs, International Selling Corp, Paris, Havre
POWDERED—90 pkgs, Robt McLellang, Black Hawk, Rotterdam
85 cks, T M Duche & Sons, Black Hawk, Antwerp
SHEETS—25 cs, Robt McLellan, Black Hawk, Rotterdam
GENTIAN ROOT—20 bgs, J L Hopkins & Co, 3,256 lbs, Exeter, Marseilles
GINGER ROOT—178 bgs, Troilus, Alleppey
100 bgs, Troilus, Cochin
178 bgs, B H Old & Co, Troilus, Cochin
267 bgs, Continental Bank Trust Co, Troilus, Cochin
31 bgs, Otto Gerdau Co, Pastores, Kingston
100 bgs, H E Griffiths, New Toronto, Freetown
160 bgs, Barclay Bank, New Toronto, Freetown
596 bgs, Superintendence Co, New Toronto, Freetown
100 bgs, Scythia, Liverpool
290 bgs, Canada Dry Ginger Ale Co, Calamares, Kingston
GLASS, PLATE—24 cs, Globe Shipping Co, Hamburg, Hamburg
25 cs, Pittsburgh Plate Glass Co, Black Hawk, Antwerp
WINDOW—20 cs, Manufacturers Trust Co, Manhattan, Hamburg
8,251 cs, Vitrea Co, Manhattan, Hamburg
11,000 cs, Thompson Art Mirror Co, Black Hawk, Antwerp
100 cs, Sinaco Co, Black Hawk, Antwerp
1,000 cs, M Balik Son, Black Hawk, Antwerp
50 cs, Maneahoff & Co, Black Hawk, Antwerp
22 cs, S G Cole, Black Hawk, Antwerp
8 cs, Leo Popper & Sons, Scythia, Liverpool
GLUE—110 bgs, Dingelstedt & Co, Hamburg, Hamburg
20 bls, International Selling Corp, Paris, Havre
GLUESTOCK—572 bgs, American Express Co, Scythia, Liverpool
GLYCERIN—20 dms, Black Hawk, Rotterdam
30 dms, G Uhe Co, Veendam, Rotterdam
GRAPHITE—334 bgs, New York Trust Co, City of Shanghai, Colombo
GREASE—100 bbls, Continental Bank Trust Co, Naruto, Kobe
GUM—5 bgs, Veendam, Rotterdam
46 cs, City of Shanghai, Aden
14 pkgs, Chicle Development Co, Pan America, Port Spain
4 cs, American Trader, London
BENZOIN—1 cs, A Chiris Co, Exeter, Marseilles
CHICLE—63 bgs, F Huber & Co, Yucatan, Vera Cruz
188 bgs, Chicle Development Co, Musa, Puerto Barrios
902 bgs, Mexican Exploitation Co, Panuco, Progreso
COPAL—598 bgs, O G Innes Corp, Tapanoeli, Macassar
65 bgs, G W S Patterson & Co, Tapanoeli, Macassar
352 bkts, O G Innes Corp, Tapanoeli, Macassar
112 bkts, Manufacturers Trust Co, Tapanoeli, Macassar
221 bkts, W H Scheel, Tapanoeli, Macassar
200 bgs, Tapanoeli, Macassar
161 bkts, O G Innes Corp, Tapanoeli, Amboina
DAMMAR—200 cs, Tapanoeli, Batavia
100 cs, Stroock & Wittenberg, Tapanoeli, Batavia
100 cs, Stroock & Wittenberg, Tapanoeli, Singapore
70 bgs, G W S Patterson & Co, Papanoeli, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, Tapanoeli, Singapore
50 cs, W H Scheel, Tapanoeli, Singapore
50 cs, 210 bgs, France, Campbell & Darling, Tapanoeli, Singapore
210 bgs, G W S Patterson & Co, Troilus, Singapore
140 bgs, 50 cs, Stroock & Wittenberg, Troilus, Singapore
KAURI—220 cs, 550 bgs, Stroock & Wittenberg, Canadian Constructor, Auckland
61 cs, S Winterbourne & Co, Canadian Constructor, Auckland
40 cs, France, Campbell & Darling, Canadian Constructor, Auckland
LOCUST BEAN—52 bgs, T M Duche & Sons, Hamburg, Hamburg
20 bgs, Scythia, Liverpool
10 cs, P A Dunkel & Co, Exeter, Marseilles
MYRRH—13 cs, City of Shanghai, Aden
PERILLA—8 bls, Chase National Bank, Pastores, Puerto Colombia
TRAGACANTH (these four items were not properly identified in the March 22 issue)
5 bgs, Frank Vliet Co, Deutschland, Hamburg
35 bgs, 19 cs, Alaunia, London
400 bgs, Tragacanth Import Co, Alaunia, London
69 bgs, A D Isbetcherian, Cypria, Marseilles
HENBANE LEAVES—14 bls, J L Hopkins & Co, Hamburg, Hamburg
HERBS, MEDICINAL—3 bls, 1 bg, R D Hines, Hamburg, Hamburg
10 bgs, 1,760 lbs, Hamburg, Hamburg
HOPS—5 bls, Globe Shipping Co, Manhattan, Hamburg
86 bls, S S Steiner, Manhattan, Hamburg
Hamburg
15 bls, American Express Co, Hamburg, Hamburg

HOPS—12 bls, Benj Schwarz & Sons, Manhattan, Hamburg
30 bls, J D Smith & Co, Hamburg, Hamburg
59 bls, 8 cs, R F Downing & Co, Hamburg, Hamburg
25 bls, S S Steiner, Hamburg, Hamburg
25 bls, Alssund, Gdynia
60 bls, J Laschinger, Black Hawk, Rotterdam

INDIGO — 9 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam

IRISH MOSS—130 bls, C H Reisig, Paris, Havre
100 bls, S B Penick & Co, Paris, Havre
20 bls, J L Hopkins & Co, Paris, Havre
10 bls, Peek & Velsor, Paris, Havre

IRON ORE—21,700 tons, Bethlehem Steel Co, Amerikaland, Cruz Grande
11,000 tons, Bethlehem Steel Co, Firmore, Daiquiri
2 bgs, Bethlehem, Steel Co, Firmore, Daiquiri

OXIDE—25 cks, Beemsterdijk, Rotterdam
60 bgs, 20 cks, A T Schildge, Beemsterdijk, Rotterdam
13 cks, 1 keg, J H Rhodes & Co, Scythia, Liverpool
4 cks, Reichard-Coulston, Veendam, Rotterdam

JUNIPER BERRIES—300 bgs, 33,000 lbs, Knickerbocker Mills Co, Aakre, Leghorn
150 bgs, 18,750 lbs, S B Penick & Co, Aakre, Leghorn
30 bgs, J L Hopkins & Co, Aakre, Leghorn

LAVENDER FLOWERS—16 bls, 2,200 lbs, S B Penick & Co, Exeter, Marseilles

LEAVES, MEDICINAL—55 bls, Exeter, Marseilles

LICORICE ROOT—20 bgs, Lucia C, Catania

LINALYL ACETATE—1 dm, A G Nickstadt Co, Beemsterdijk, Rotterdam

LITHOPONE—100 cks, B Moore & Co, Beemsterdijk, Rotterdam
1,100 cks, B Moore & Co, Veendam, Rotterdam

LOCUST BEAN—125 cs, Lucia C, Bari
FLOUR—30 bgs, S B Penick & Co, Exeter, Marseilles
10 cs, Exeter, Marseilles
MEAL—100 bgs, Scythia, Liverpool

LOGWOOD EXTRACT—25 cks, American Dyewood Co, Calamares, Kingston

LOOFAHS—4 bls, Sanyo, Kobe

LYCOPODIUM—20 cs, W E Martin, Veendam, Rotterdam

MACE—31 cs, Tapanoeli, Amboina
40 cs, Van Loan & Co, Beemsterdijk, Rotterdam
32 cs, Troilus, Batavia

MAGNESIA—10 cs, Exeter, Marseilles

MAGNESITE, CALCINED—40 dms, Speiden-Whitfield Co, Veendam, Rotterdam

MANGANESE ORE—90 cks, Hamburg, Hamburg

MEDICINAL PREPS—4 cs, Italian Drug & Import Co, Rex, Genoa
2 cs, Oceano Shipping Co, Exeter, Genoa
24 cs, E Fougera & Co, Paris, Havre

MENTHOL—50 cs, National City Bank, Sanyo, Kobe
75 cs, Continental Bank Trust Co, Sanyo, Kobe
10 cs, Guaranty Trust Co, Sanyo, Kobe
25 cs, Bank of Manhattan, Sanyo, Kobe

METHYTAURIN — 61 dms, General Aniline Works, Beemsterdijk, Rotterdam

MICA—87 cs, City of Shanghai, Calcutta
50 cs, Pan America, Buenos Aires
21 cs, Corn Exchange Bank, Pan America, Rio de Janeiro
52 cs, Ford Radio Mica Corp, American Trader, London
16 cs, O Gerdau Co, American Trader, London
25 cs, American Trader, London

BLOCK—28 cs, Steel Maker, Calcutta
30 cs, Guaranty Trust Co, City of Shanghai, Calcutta

FILM—16 cs, City of Shanghai, Calcutta

SCRAP—179 bgs, Steel Maker, Calcutta
84 cs, Pan America, Buenos Aires

SPLITTINGS—29 cs, Steel Maker, Calcutta
35 cs, Guaranty Trust Co, City of Shanghai, Calcutta
185 cs, City of Shanghai, Calcutta
5 cs, Brown Bros, Harriman Co, City of Shanghai, Calcutta

MILK, POWD—400 bgs, Beemsterdijk, Rotterdam
600 bgs, Veendam, Rotterdam

MOLASSES—175,000 gls, American Molasses Co, Munargo, Havana
1,050 tons, W R Grace & Co, Santa Lucia, Salaverry

MYROBALANS, EXTRACT—500 bgs, 25 tons, International Product Corp, Scythia, Liverpool

NAPHTHALENE—1,250 bgs, Alssund, Gdynia
948 bgs, Black Diamond S S Co, Black Hawk, Antwerp
500 bgs, F B Bertrand, Black Hawk, Rotterdam
400 bgs, W H Mueller & Co, Black Hawk, Rotterdam
482 bgs, Calco Chem Co, Black Hawk, Rotterdam
520 bgs, F B Bertrand, West Isleta, Lourenco

NUTGALLS—100 bgs, Corn Exchange Bank Trust Co, Sanyo, Shanghai

NUTMEGS—16 cs, Catz American Co, Tapanoeli, Macassar
20 cs, H P Winter & Co, Tapanoeli, Macassar
20 cs, Tapanoeli, Macassar
81 bgs, Tapanoeli, Amboina
20 bgs, Nerissa, Grenada

NUX VOMICA — 2,000 pkts, Volkart Bros, Troilus, Cochin

OCHER—10 cks, Grace National Bank, Exeter, Marseilles
60 cks, J H Furman, Exeter, Marseilles
1,321 bgs, J Lee Smith & Co, Exeter, Marseilles
151 cks, 920 bgs, Reichard Coulston, Exeter, Marseilles

OIL, ALMOND—40 pkgs, Dodge & Olcott Co, Exeter, Marseilles
20 cs, A Chiris Co, Exeter, Marseilles
26 cs, Ungerer & Co, Queen Mary, Southampton

ANISE—10 dms, Ungerer & Co, Sanyo, Kobe
5 dms, Sanyo, Kobe
15 dms, Orbis Product Corp, Naruto, Hongkong
5 dms, Bank of Manhattan, Naruto, Hongkong
10 dms, Irving Trust Co, Naruto, Hongkong
10 dms, Ungerer & Co, Naruto, Hongkong

BERGAMOT—138 qtr cs, Lucia C, Messina

CAMPHOR—12 dms, Bank of Manhattan, Naruto, Keelung
25 dms, Naruto, Keelung
12 dms, Bank of Manhattan, Naruto, Kobe
15 dms, Irving Trust Co, Naruto, Yokohama
20 dms, Guaranty Trust Co, Naruto, Yokohama

CASHEW SHELL—12 dms, Troilus, Cochin

CASSIA—5 dms, Bank of Manhattan, Naruto, Hongkong
20 dms, Ungerer & Co, Naruto, Hongkong

CHINAWOOD — 200 tons, Chase National Bank, Sanyo, Shanghai
300 tons, Sanyo, Shanghai
266 dms, Naruto, Hongkong
330 tons, Spencer, Kellogg & Sons, Naruto, Hankow
320 tons, Naruto, Hankow

CITRONELLA—16 dms, Tapanoeli, Batavia

COD—52 cks, Fred W Damon, Fort Amherst, St Johns
200 cks, Chase Export Co, Fort Amherst, St Johns
12 ctns, Westdene Prod Co, Fort Amherst, Halifax
620 dms, J D Irwin & Co, Hamburg, Hamburg

CODLIVER—20 dms, Sanyo, Yokohama
3 cs, Weston A Price, Fort Amherst, St Johns
10 dms, Bakst Bros, Beemsterdijk, Rotterdam
15 dms, I Cohen Prod Co, Beemsterdijk, Rotterdam
100 dms, J D Irwin & Co, Hamburg, Hamburg
159 dms, Hamburg, Hamburg
48 dms, Naruto, Yokohama
400 bbls, Scott & Bowne, Tyrifjord, Bergen
25 bbls, McKesson & Robbins, Tyrifjord, Bergen

CORIANDER—1 cs, Exeter, Marseilles
2 cs, Norda Essential Oil & Chem Co, American Trader, London

CORN—250 dms, Corn Prod Refg Co, Manhattan, Hamburg
150 dms, I R Boody & Co, Veendam, Rotterdam

COTTONSEED—300 tons, Mitsui & Co, Sanyo, Shanghai
320 dms, Royal Bank of Canada, Argentino, Santos
275 dms, Argentino, Santos
749,033 kilos, Exilona, Alexandria
320 dms, Royal Bank of Canada, Pan America, Santos
267 dms, Pan America, Santos

CROTON—3 cs, Dodge & Olcott Co, Ausonia, London

ESSENTIAL—30 cs, Beemsterdijk, Rotterdam
16 cs, Manhattan, Havre
4 cs, Hamburg, Hamburg
2 dms, Naruto, Yokohama
112 kgs, 92 pkgs, Exeter, Marseilles
42 cs, Veendam, Rotterdam
33 cs, 37 bbls, Paris, Havre

FUEL—67,000 bbls, Standard Oil of N J, S B Hunt, Aruba
78,400 bbls, Standard Oil Co of N J, Calliope, Aruba
83,000 bbls, Standard Oil Co of N J, Thalia, Aruba
2,911,343 gals, Standard Oil Co of N J, Elisha Walker, Pt Mexico
108,000 bbls, Standard Oil Co of N J, Standard, Aruba
84,331 bbls, Standard Oil Co of N J, Athelqueen, Aruba
110,600 bbls, Standard Oil Co of N J, D L Harper, Aruba
52,903 bbls, Asiatic Petroleum Corp, San Quirino, Pto Mexico

GERANIUM—1 cs, Exeter, Marseilles
2 dms, A Chiris Co, Exeter, Marseilles
5 dms, French Line, City of Shanghai, Aden

LEMON—36 cs, Fritzsche Bros, Lucia C, Catania
25 qtr cs, Ungerer & Co, Lucia C, Messina
25 qtr cs, Lo Curto & Funk, Lucia C, Messina

LEMONGRASS—8 dms, Volkart Bros, Troiliss ,Cochin
20 dms, Lo Curto & Funk, Troiliss, Cochin
12 dms, Brown Bros Harriman Co, Troiliss, Cochin

LIME—3 cs, Nerissa, Dominica
8 cs, Ausonia, London
3 dms, W J Bush & Co, Pan America, Port Spain

MUSTARD SEED—150 dms, Naruto, Osaka

OLIVE—50 dms, Rex, Genoa
388 cs, Hamburg, Hamburg
50 bbls, Venice Import Co, Aakre, Marseilles
30 bbls, H Boccara & Son, Aakre, Marseilles
25 bbls, Banca Com'l Italian Trust Co, Aakre, Marseilles
25 bbls, A Corrad, Aakre, Marseilles
25 bbls, Desmone Bros, Aakre, Marseilles
1,455 cs, Aakre, Genoa
1,800 cs, 55 dms, Aakre, Leghorn
3,060 cs, Aakre, Seville
355 cs, Exeter, Leghorn
30 dms, Scaramelli & Co, Exeter, Genoa

OIL, OLIVE—70 dms, Atlantic & Pacific Tea Co, Exeter, Genoa
25 dms, S Laraja, Exeter, Genoa
25 cs, A J Capone, Exeter, Genoa
2,731 cs, Exeter, Genoa
65 dms, 299 cs, Exeter, Marseilles
4,537 cs, Veendam, Rotterdam
15 bbls, Lucia C, Catania

OLIVE SULPHUR—200 bbls, Leghorn Trading Co, Aakre, Seville

ORANGE—2 cks, Manhattan, Havre
20 cs, Fritzsche Bros, Lucia C, Catania

PALM—30 dms, Beemsterdijk, Rotterdam
514 tons, Troilers, Belawan Deli
1,000 tons, Van Leeuwen, Boomkamp & Co, Troilers, Belawan Deli
150 dms, Veendam, Rotterdam

PALM KERNEL—74,914 tons, Zimmerman, Alderson Carr Co, Black Condor, Rotterdam

PEANUT—225 tons, Guaranty Trust Co, Sanyo, Dairen

PERILLA—351 tons, National City Bank, Naruto, Dairen

PIMENTO LEAF—2 dms, Pastores, Kingston

POPPYSEED—5 dms, Fezandie & Sperle, Veendam, Rotterdam
2 bbls, Fezandie & Sperle, Paris, Havre

RESIDUE—20 cs, J E Bernard & Co, Hamburg, Hamburg

SESAME—50 dms, Beemsterdijk, Rotterdam
381,511 kilos, Zimmerman, Alderson, Carr Co, Beemsterdijk, Rotterdam
150 dms, I R Boody & Co, Beemsterdijk, Rotterdam
56 dms, N C Littauer, Beemsterdijk, Rotterdam
200 bbls, Veendam, Rotterdam
56 dms, N C Littauer, Veendam, Rotterdam

SHALE—1 ck, Foster Wheeler Co, Hamburg, Hamburg

SOYBEAN—100 cs, Mitsui & Co, Naruto, Dairen

TEASEED—100 dms, Mitsui & Co, Sanyo, Shanghai
350 dms, Naruto, Hongkong
200 dms, Mitsui & Co, Naruto, Hankow
200 dms, Corn Exchange Bank, Naruto, Hankow
100 dms, Naruto, Shanghai

VEGETABLE—300,000 kilos, I R Boody & Co, Beemsterdijk, Rotterdam
75 dms, I R Boody & Co, Beemsterdijk, Rotterdam

WALNUT—1 cs, A Chiris Co, Exeter, Marseilles

YLANG YLANG—1 cs, A Chiris Co, Exeter, Marseilles
2 cs, Exeter, Marseilles
18 pkgs, French Line, City of Shanghai, Aden

ORRISROOT—30 bgs, Peek & Velsor, Aaker, Leghorn

FINGERS—2 cs, Peek & Velsor, Aakre, Leghorn

PAPRIKA—50 bgs, P H Petry & Co, Manhattan, Hamburg
50 bgs, Manhattan, Hamburg
110 bgs, Karr, Ellis & Co, Hamburg, Hamburg
30 cs, H Schoenfeld & Son, Hamburg, Hamburg
100 bgs, W L Neuberry, Hamburg, Hamburg
55 bgs, Hamburg, Hamburg
125 cs, 1,755 bgs, American Trader, London

PARAFFIN—1,600 bgs, Asiatic Petroleum Corp, Tapanoeli, Bilik Papan

PATCHONLI LEAVES—74 bls, Bank of Manhattan, Tapanoeli, Penang
38 bls, Tapanoeli, Penang
69 bls, Troilus, Penang

PEATMOSS—985 bls, Premier Peatmoss Corp, Beemsterdijk, Rotterdam
600 bls, Hamburg, Hamburg
150 half bls, 2,067 bls, Premier Peatmoss Corp, Veendam, Rotterdam
3,200 bls, Veendam, Rotterdam

PEPPER, WHITE—162 bgs, Catz American Co, Tapanoeli, Tandjong, Priok
81 bgs, Catz American Co, Tapanoeli, Pangkol Penang
1,830 bgs, Tapanoeli, Tandjong, Priok

PETROLEUM, CRUDE — 53,813 bbls, Warner-Quinlan Co, Lincoln Ellsworth, Las Piedras
70,999 bbls, Gulf Oil Co, Davanger, Las Piedras

SULPHONATED—17 bbls, Hamburg, Hamburg

PITCH—123 dms, Canadian Bank of Comm, Hamburg, Hamburg

POPPYSEED — 100 bgs, 11,000 lbs, Bunge North American Grain Co, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Veendam, Rotterdam
400 bgs, 44,000 lbs, Veendam, Rotterdam
150 bgs, 16,500 lbs, Levy & Levis Co, Veendam, Rotterdam
400 bgs, 44,000 lbs, M Witsenburg, Sagaporack, Gdynia
100 bgs, 11,000 lbs, Biddle Purchasing Co, Sagaporack, Gdynia
200 bgs, 22,000 lbs, Levy & Levis Co, Sagaporack, Gdynia
100 bgs, 11,000 lbs, Habicht, Braun Co, Sagaporack, Gdynia
100 bgs, 11,000 lbs, Wood & Selick, Sagaporack, Gdynia

POTASH, CHLORATE — 1,110 cks, Uniform Chem Prod Co, Hamburg, Hamburg

PRUSSIATE—60 cks, Royal Bank of Canada, Beemsterdijk, Rotterdam
20 kegs, Naruto, Yokohama
40 cks, Royal Bank of Canada, Veendam, Rotterdam
22 bbls, P Kuch Corp, Veendam, Rotterdam

SALT—6 cs, P H Petry & Co, American Trader, London

SULPHATE—400 bgs, N V Potash Export My, Hamburg, Hamburg

PUMICE—625 bgs, C B Chrystal & Co, Exilona, Canneto
600 bgs, J H Rhodes & Co, Exilona, Canneto

LUMP—100 bgs, 10 cks, B Chrystal & Co, Exilona, Canneto
17,115 bgs, 6 cks, J H Rhodes & Co, Exilona, Canneto

PYRETHRUM FLOWERS—125 bls, Brooklyn Trust Co, Sanyo, Kobe
75 bls, West Isleta, Mombasa

PYRITES—7,178,800 kilos, Pyrites Co, Coalby, Huelva

QUEBRACHO EXTRACT—4,700 bgs, International Prod Corp, Pan America, Buenos Aires

QUICKSILVER—70 flasks, Associated Metal & Mineral Co, Aakre, Genoa
1,500 flasks, Roura & Forgas, American Trader, London

QUINCE SEED—24 bgs, American Trader, London

RICE FLOUR—300 pockets, Standard Rice Sales Co, Veendam, Rotterdam

ROOT, MEDICINAL—3 bls, 1,034 lbs, Exeter, Marseilles

SABADILLA SEED—20 bgs, Carabobo, Porto Cabello

SAFFRON FLOWERS—3 cs, Oceano Shipping Co, Exeter, Genoa

SAGO FLOUR—1,200 bgs, Chase National Bank, Sanyo, Kobe

SARSAPARILLA ROOT — 12 bls, Panuco, Tampico

SAWDUST—610 bgs, State Chemical Co, Veendam, Rotterdam

SEED, MEDICINAL—112 bgs, McKesson & Robbins, Exeter, Marseilles

SENNA LEAVES—50 bls, Barber S S Co, Ansonia, London

SESAME SEED—250 bgs, Sanyo, Kobe

SHELLAC—45 cs, A Hurst & Co, Hamburg, Hamburg
40 cs, 200 bgs, France, Campbell & Darling, Steel Maker, Calcutta
300 bgs, Alfred Kramer & Co, Steel Maker, Calcutta
266 cs, 700 bgs, E J Cornelis, Steel Maker, Calcutta
400 bgs, A Hurst & Co, City of Shanghai, Calcutta
100 bgs, France, Campbell & Darling, City of Shanghai, Calcutta
50 cs, 325 bgs, Guaranty Trust Co, City of Shanghai, Calcutta
150 bgs, Gillespie-Rogers-Pyatt Co, City of Shanghai, Calcutta
300 bgs, Mantrose Corp, City of Shanghai, Calcutta
100 bgs, N Brandt Sons, City of Shanghai, Calcutta
100 bgs, Wm Zinsser & Co, City of Shanghai, Calcutta
236 bgs, Argenti & Co, City of Shanghai, Calcutta
250 bgs, Philadelphia Natl Bank, City of Shanghai, Calcutta
150 bgs, City of Shanghai, Calcutta

BUTTON LAC—15 bgs, Wm Zinsser & Co, City of Shanghai, Calcutta

GARNET LAC—50 bgs, Wm Zinsser & Co, City of Shanghai, Calcutta
50 bgs, City of Shanghai, Calcutta

SEEDLAC — 900 bgs, E J Cornelis, Steel Maker, Calcutta
400 bgs, Schwab Bros, Steel Maker, Calcutta
250 bgs, Steel Maker, Calcutta
900 bgs, Gillespie-Rogers-Pyatt Co, City of Shanghai, Calcutta
600 bgs, E E Androvette, City of Shanghai, Calcutta
350 bgs, Mantrose Corp, City of Shanghai, Calcutta
125 bgs, Wm Zinsser & Co, City of Shanghai, Calcutta
350 bgs, Argenti & Co, City of Shanghai, Calcutta
150 bgs, Wm Brandt Sons, City of Shanghai, Calcutta
100 bgs, Bank of London South America, City of Shanghai, Calcutta
1,100 bgs, Philadelphia Natl Bank, City of Shanghai, Calcutta
1,850 bgs, Guaranty Trust Co, City of Shanghai, Calcutta
300 bgs, Alfred Kramer & Co, City of Shanghai, Calcutta
500 bgs, City of Shanghai, Calcutta

SIENNA—341 bgs, J Lee Smith & Co, Aakre, Leghorn
20 bgs, 5 cks, Aakre, Leghorn
60 cks, J H Faunce, Exeter, Leghorn
15 bbls, Whittaker, Clark & Daniels, Leghorn
20 cks, Reichard-Coulston, Exeter, Leghorn

SILICIOUS EARTH—204 bgs, Hamburg, Hamburg

SOAP—67 cs, Concentrate Mfg Corp, Manhattan, Havre
3 cs, Globe Shipping Co, Hamburg, Hamburg
375 cs, Conti Prod Corp, Exeter, Leghorn
10 cs, Globe Shipping Co, American Trader, London

BASE, POWD—10 dms, Great Eastern Paper & Packing Corp, Beemsterdijk, Rotterdam

CHIPS—4 cs, Yardley & Co, American Trader, London

SADDLE—17 cs, Service Legging Co, Ausonia, London

STEARIC ACID — 2 bgs, Yardley & Co, American Trader, London

SODA ARSENATE—1 dm, Elner & Amend, Manhattan, Hamburg

CYANIDE—400 cs, American Cyanamid & Chem Co, Manhattan, Hamburg

PHOSPHATE—40 kgs, R J Prentiss & Co, Beemsterdijk, Rotterdam
125 kgs, R J Prentiss & Co, Veendam, Rotterdam

SULPHATE—1 ck, Elmer & Amend, Manhattan, Hamburg

SOYBEAN MEAL—400 bgs, Mitsui & Co, Sanyo, Dairen
400 bgs Mitsui & Co, Naruto, Dairen

SPONGES—28 bls, Munargo, Havana
4 bls, J H Rhodes & Co, Munargo, Havana
50 bls, Schroeder & Tremayne, Yucatan, Havana
67 bls, Armaly Sponge & Chamois Co, Santa Lucia, Havana
120 bls, J H Rhodes & Co, Santa Lucia, Havana
81 bls, Santa Lucia, Havana
36 bls, J E Bernard & Co, Santa Lucia, Havana
101 bls, American Sponge & Chamois Co, Oriente, Havana
20 bls, Florida Sponge & Chamois Co, Oriente, Havana
24 bls, Oriente, Havana

REFUSE—27 bls, Munargo, Havana
5 bls, Schroeder & Tremayne, Munargo, Havana
8 bls, Armaly Sponge & Chamois Co, Santa Lucia, Havana
37 bls, J E Bernard & Co, Santa Lucia, Havana
23 bls, American Sponge & Chamois Co, Oriente, Havana
9 bls, Florida Sponge & Chamois Co, Oriente, Havana

STARCH, POTATO—250 bgs, Stein, Hall & Co, Beemsterdijk, Rotterdam
50 bgs, Morningstar, Nicol, Beemsterdijk, Rotterdam
250 bgs, Continental Grain Co, Black Hawk, Rotterdam
300 bgs, Stein, Hall & Co, Veendam, Rotterdam

SOLUBLE — 50 bgs, Morningstar, Nicol, Beemsterdijk, Rotterdam
100 bgs, National Adhesive Corp, Veendam, Rotterdam

STEARIN—56 cks, Canadian Constructor, Auckland
PITCH—30 dms, Canadian Constructor, Dunedin
25 bbls, Chaplin & Bibbo, Scythia, Liverpool

STORAX—20 cks, Lucia C, Trieste

STRAMONIUM LEAVES—66 bls, 11,149 lbs, R J Prentiss & Co, Aakre, Leghorn
20 bls, 7,744 lbs, J L Hopkins & Co, Aakre, Leghorn

SUMAC—350 bgs, Lucia C, Palermo

TALC—250 bgs, Charles Mathieu, Exeter, Genoa
1,000 bgs, City Prod Corp, Paris, Havre

TALLOW, VEGETABLE—22 cs, Th Goldschmidt Corp, Veendam, Rotterdam

TAMARINDS—6 bbls, J L Hopkins & Co, Nerissa, Antigua
IN SYRUP—5 bbls, J L Hopkins & Co, Nerissa, Antigua

TAPIOCA, FLAKE—599 bgs, Stein, Hall & Co, Troilus, Sourabaya
FLOUR—2,735 bgs, Stein, Hall & Co, Tapanoeli, Sourabaya
500 bgs, Tapanoeli, Batavia
249 bgs, Central Hanover Bank Trust Co, Tapanoeli, Cheribon
250 bgs, Chase National Bank, Tapanoeli, Cheribon
1,000 bgs, H P Winter & Co, Tapanoeli, Cheribon
535 bgs, Balfour, Guthrie & Co, Tapanoeli, Pamanoekan
506 bgs, Stein, Hall & Co, Tapanoeli, Cheribon

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TAPIOCA FLOUR—1,000 bgs, Java American Export Co, Troilus, Sourabaya
500 bgs, Chase National Bank, Troilus, Sourabaya
1,000 bgs, Stein, Hall & Co, Troilus, Tegal
2,026 bgs, Stein, Hall & Co, Troilus, Cheribon
1,516 bgs, Stein, Hall & Co, Troilus, Batavia
11,054 bgs, Stein, Hall & Co, Troilus, Sourabaya
PEARL—139 bgs, Stein, Hall & Co, Troilus, Sourabaya
TARTAR—600 bgs, Charles Pfizer & Co, Lucia C, Bari
TEAWASTE—2,000 bgs, Citro Chemical Co, City of Shanghai, Calcutta
2,121 bgs, Maywood Chemical Works, City of Shanghai, Calcutta
THYME LEAVES—42 bgs, 6,820 lbs, Seek & Kade, Exeter, Marseilles
TOLU BALSAM—25 cs, Wessel, Duval & Co, Pastores, Porto Colombia
21 cs, Eggers & Heinlein, Pastores, Porto Colombia
TUBA ROOT— 20 bls, Tapanoeli, Singapore
UREA—1,600 bgs, Synthetic Nitrogen Product Corp, Veendam, Rotterdam
VALERIAN SOLUTION—3 dms, Lo Curto & Funk, Ansonia, Southampton
VALONEA—2,974 bgs, 440,000 lbs, J A Barkey & Co, Exilona, Dikili
3,985 bgs, Exilona, Kilindria
4,086 bgs, Exilona, Ovajik
1,710 bgs, Exilona, Selefke
EXTRACT—223 bgs, Tannin Corp, Exilona, Izmir
TRILLO—732 bgs, J A Barkey & Co, Exilona, Izmir
VANILLA BEANS—16 cs, National City Bank, Manhattan, Havre
10 cs, M Cortizas Co, Yucatan, Vera Cruz
19 cs, Geo Luerders & Co, Nerissa, Dominica
21 cs, Philadelphia National Bank, Exeter, Marseilles
25 cs, Tradesman National Bank, Exeter, Marseilles
10 cs, Chase National Bank, Exeter, Marseilles
21 cs, Exeter, Marseilles
46 cs, Guaranty Trust Co, Exeter, Marseilles
91 cs, French Line, City of Shanghai, Aden
CUTS—47 cs, F Huber & Co, Yucatan, Vera Cruz
WATER MINERAL—37 cs, G J Wallau, Manhattan, Havre
17 cs, Metropolitan Music Co, Hamburg, Hamburg
WATTLE BARK—560 bls, First National Bank of Boston, West Isleta, Durban
4,012 bls, West Isleta, Mombasa
WAX, BEES—30 bgs, Schutte & Focke, San Juan, Azua
27 bgs, Lenape Trading Co, San Juan, Azua
20 bgs, Mecke & Co, San Juan, Azua
208 blcks, Strohmeyer & Arpe Co, Aakre, Seville
148 blcks, Aakre, Seville
24 bgs, Curacao Trading Co, Coamo, Trujillo
23 bgs, Schutte & Focke, Coamo, Trujillo
59 blcks, City of Shanghai, Aden
44 bgs, Pan America, Santos
2 bgs, Yardley & Co, American Trader, London
7 seroons, Porcella, Vicini & Co, Ponce, Puerto Plata
26 bgs, Panuco, Tampico
CANDELILLA—65 bgs, M Argueso, Panuco, Tampico
63 bgs, Panuco, Tampico
MINERAL—8 bgs, General Dyestuff Corp, Beemsterdijk, Rotterdam
OZOKERITE—20 bgs, Heemsothr Kerner Corp, Hamburg, Hamburg
700 pkgs, R M Dick, Hamburg, Hamburg
VEGETABLE—15 bgs, A Hurst & Co, Ausonia, London
WOLFRAM ORE—400 bgs, Wah Chang Trading Corp, Hamburg, Hamburg
WOODFLOUR—2,800 bgs, B L Soberski, Tyrefjord, Frederichstadt
550 bgs, Burnet Co, Tyrifjord, Frederichstadt
YEAST—65 bbls, Vulkan Yeast Co, Hamburg, Hamburg
10 kgs, Compressed Yeast Co, Hamburg, Hamburg
ZINC OXIDE—50 bbls, 13,420 lbs, American Cyanamid & Chem Co, Exeter, Marseilles
90 bbls, 24,156 lbs, Orbis Product Corp, Exeter, Marseilles
25 bbls, 6,710 lbs, Reichard, Coulston, Exeter, Marseilles
10 cks, 1 ton, 1 cwt, 3 qtrs, 18 lbs, American Cyanamid & Chem Co, Scythia, Liverpool

New York Transit Imports

AGAR AGAR—5 bls, Naruto, Keelung, Toronto
BRISTLES—26 cs, National Bank of Comm, Sanyo, Kobe
CAMPHOR, CRUDE—504 cs, Mitsui & Co, Sanyo, Keelung, Rochester
REFINED—400 cs, McKesson & Robbins, Sanyo, Kobe, Rochester
CHEMICALS—34 kgs, Christman Supply Co, Beemsterdijk, Rotterdam, Fayetteville
CORIANDER SEED — 117 bgs, American Trader, London, Peoria
DIACETYL—1 cs, Veendam, Rotterdam, Buffalo
HERBS, DRIED—20 cs, McKesson & Robbins, Ansonia, London, Bridgeport
LOCUST BEAN—1,600 bgs, M F Neal & Co, Exeter, Alexandria, Richmond, Va
MUSTARD SEED—300 bgs, C M Van Sillevoldt, Veendam, Rotterdam, Detroit
OIL, CAMPHOR—12 dms, Naruto, Keelung, Toronto
CODLIVER—160 dms, Tyrifjord, Bergen, Minneapolis
PHTHALIC ANHYDRIDE—500 cs, 131,560 lbs, Monsanto Chem Co, Black Hawk, Antwerp, St Louis
POPPYSEED—300 bgs, 33,000 lbs, C M Van Sillevoldt, Veendam, Rotterdam, Cleveland
300 bgs, 33,000 lbs, C M Van Sillevoldt, Veendam, Rotterdam, Chicago
SPONGES—55 bls, Munargo, Havana, Rotterdam
93 bls, Munargo, Havana, London
7 bls, Munargo, Havana, Kobe
11 bls, Yucatan, Havana, Bremen
11 bls, Yucatan, Havana, Copenhagen
9 bls, Oriente, Havana, Bremen
REFUSE—28 bls, Munargo, Havana, Rotterdam
61 bls, Munargo, Havana, London
5 bls, Munargo, Havana, Kobe
12 bls, Yucatan, Havana, Bremen

Baltimore Imports

BABASSU KERNELS—1,666 bgs, Dunstan, Maranham
3,386 bgs, Dunstan, Paranaihba
BONEMEAL—6,000 bgs, Paraguayo, Buenos Aires
BRONZE POWDER—3 cs, Trans Seas Shipping Co, City of Hamburg, Hamburg
1 cs, W C Sullivan & Co, City of Hamburg, Hamburg
CHEMICALS—20 cks, City of Hamburg, Hamburg
1 cs, Baltimore Ohio R R Co, City of Hamburg, Hamburg
CHROME ORE—1,000 tons, Exminster, Aghia Narina
1,506 tons, E J Lavino Co, Henry S Grove, Beira
CLAY—270 bgs, City of Hamburg, Hamburg
CLEANSING POWDER—2 kgs, City of Hamburg, Southampton
FERROMANGANESE—300 cs, Yahiko, Yokohama
FERTILIZER, NITROGENOUS—1,125 bgs, Artigas, Hull
5,926 bgs, Waukegan, Liverpool
GLUE, LIQUID—4 cks, S Shapiro & Co, Artigas, Hull
IRON ORE—7,641 tons, Leo J Buck, Allende, Narvik
6,000 tons, Bethlehem Steel Co, Gypsum Empress, Felton
6,973 tons, Leo J Buck, Drammersfjord, Narvik
11,000 tons, Bethlehem Steel Co, Santore, Daiquiri
21,500 tons, Bethlehem Steel Co, Marore, Cruz Grande
OXIDE—90 bgs, 4 cks, E M & F Waldo, Waukegan, Liverpool
MANGANESE ORE—1,400 tons, Steel Ranger, Calcutta
8,200 tons, Carnegie Steel Corp, Mansepool, Takoradi
5,000 tons, Robin Hood, Rio de Janeiro
8,600 tons, E J Lavino Co, Lackenby, Takoradi
MOLASSES—12,577,856 lbs, Cuba Distilling Co, Carrabulle, Barahona
3,678,450 lbs, Cuba Distilling Co, Carrabulle, Macoris
OIL, CODLIVER—18 bbls, City of Hamburg, Hamburg
FUEL—82,000 bbls, Standard Oil Co of N J, Cedania, Aruba
PEATMOSS—2,975 bls, City of Hamburg, Hamburg
PYRITES—6,005 tons, Baron Elgin, Huelva
SALT—300 bgs, Baltimore & Ohio R R Co, Waukegan, Liverpool
SUGARBEET PULP—448 bgs, Artigas, Hull
SEED—1,000 bgs, City of Hamburg, Hamburg
302 bgs, American Express Co, City of Hamburg, Hamburg
TALLOW—550 bbls, Paraguayo, Buenos Aires
TANKAGE—473 bgs, Paraguayo, Buenos Aires
TUCUM KERNELS—3,126 bgs, Dunstan, Parnaihba
WATTLE BARK—1,521 bgs, Tannin Corp, Henry S Grove, Durban
200 bls, 400 bgs, Tannin Corp, West Isleta, Durban
WAX, CARNAUBA—11 bgs, Dunstan, Camocim

Boston Imports

ACID, CRESYLIC—90 dms, 20 tons, 17 cwt, 3 qtrs, 27 lbs, Liberty, Liverpool
24 dms, 5 tons, 10 cwt, 3 qtrs, 3 lbs, American Cyanamid & Chem Co, Quaker City, Hull
TARTARIC—50 csks, 6,120 lbs, Exeter, Genoa
AGARIC—3 cs, Quong Wo Lung, President Pierce, Hongkong
ALBUMEN, EGG, HEN—28 cs, Bank of New York & Trust Co, President Pierce, Kobe
AMMONIA, SULPHATE—300 bgs, Bradley & Baker, Edam, Rotterdam
BEET PULP—3,853 bgs, Bank of the Manhattan, Giulia, Fiume
BLUE, ULTRAMARINE—4 cs, 542 lbs, Collamer, Havre
BONEMEAL—1,980 bgs, Giulia, Fiume
CARAWAY SEED—50 bgs, Edam, Rotterdam
CASEIN—500 bgs, 66,142 lbs, West Calumb, Buenos Aires
417 bgs, 55,162 lbs, Chemical Bank & Trust Co, West Calumb, Buenos Aires
CASSIA—53 pkgs, 7,068 lbs, Troilus, Batavia
50 bls, Stickney & Poor Spice Co, President Pierce, Hongkong
79 pkgs, Kota Baroe, Batavia
CHAMOMILE FLOWERS—31 cs, Frankfurt, Hamburg
CHEMICALS—30 csks, American Cyanamid & Chemical Corp, Edam, Rotterdam
167 crbys, Edam, Rotterdam
850 bgs, 187,391 lbs, Black Hawk, Antwerp
51 csks, Frankfurt, Bremen
50 dms, Irving M Sobin Co, Frankfurt, Hamburg
500 bgs, 4 cs, Royal Bank of London & So. America, Frankfurt, Hamburg
76 csks, Innis, Speiden & Co, Frankfurt, Hamburg
20 csks, First National Bank, Frankfurt, Hamburg
30 dms, F A Kertess, Frankfurt, Hamburg
10 dms, Advance Solvents & Chem Corp, Toronto, Heroen
COCOA BEANS—1,392 bgs, 103 tons, W & A Leaman, West Irmo, Lagos
1,451 bgs, 104 tons, Cie Francaise de L'Afrique Occidentale, West Irmo, Cape Coast
800 bgs, 51 tons, West Irmo, Accra
3,060 bgs, 206 tons, Cie Francaise de L'Afrique Occidentale, West Irmo, Port Bouet
4,492 bgs, 301 tons, Cie Francaise de L'Afrique Occidentale, West Irmo, Sassandra
4,351 bgs, 313 tons, Cie Francaise de L'Afrique Occidentale, West Lashaway, Lagos
2,175 bgs, 155 tons, Cie Francaise de L'Afrique Occidentale, West Lashaway, Winneba
2,880 bgs, 205 tons, Cie Francaise de L'Afrique Occidentale, West Lashaway, Takoradi
710 bgs, Balfour, Guthrie & Co, West Lashaway, Lagos
24,640 bgs, 1,600 tons, Balfour, Guthrie & Co, West Lashaway, Port Bouet
BUTTER—5 cs, Stephen L Bartlett, Edam, Rotterdam
COLOR, POTTERS'—1 csk, Scythia, Liverpool
CROCUS POWDER—1 bg, Nicholson & Co, American Trader, London
DANDELION ROOT—16 bls, Frankfurt, Hamburg
DISTILLATE, COAL TAR—100 dms, 25 tons, 17 cwts, 3 qtrs, 17 lbs, Monsanto Chemical Co, Scythia, Liverpool
EMERY FILLET—3 cs, C E Quinn, Scythia, Liverpool
1 cs, Joseph Sykes Bros, Scythia, Liverpool
30 bgs, and 1 cs, Nicholson & Co, American Trader, London
FERTILIZER—907 bgs, Frankfurt, Bremen
COTTONSEED MEAL—2,000 bgs, 200,000 lbs, Sanyo, Osaka
FISH LIVERS—140 cs, Asano Bussan Co, President Pierce, Yokohama
200 cs, Asano Bussan Co, Sanyo, Yokohama
FULLER'S EARTH—2 cs, Lever Bros, American Trader, London
GAMBIER—140 bgs, E E Androvette, Troilus, Singapore
54 cs, E E Androvette, Irisbank, Singapore
170 cs, American Dyewood Co, Irisbank, Belawan-Deli
55 cs, L Littlejohn & Co, Irisbank, Singapore
CUBE—141 bgs, Irisbank, Singapore
GELATIN—172 bgs, 19,132 lbs, International Selling Corp, Black Hawk, Antwerp
268 bgs, 30,152 lbs, Stone & Downer, Black Hawk, Antwerp
GLASS, WINDOW—1,796 cs, 2,9,458 lbs, Quaker City, Hamburg
352 cs, Giulia, Trieste
GLAUBER'S SALT—250 bgs, 55,115 lbs, Quaker City, Hamburg
GLUE, BONE—100 double bgs, L Lederer, Frankfurt, Hamburg
GLUESTOCK—16 bls, 14,030 lbs, Darmstadt, Scott & Courtney, Collamer, Havre
FISH BONES—46 bgs, Russia Cement Co, Yarmouth, Yarmouth
FISH SCRAP—7 bxs, J R Poole Co, Yarmouth, Yarmouth
119 bgs, 23 bbls, Frankfurt, Hamburg
HIDE CUTTINGS — 566 bgs, 48 tons, 8 cwt, 3 qtrs, 21 lbs, Scythia, Liverpool
GLYCERIN—21 dms, 26,418 lbs, Collamer, Havre
5 dms, 6,386 lbs, Irving M Sobin & Co, Black Hawk, Antwerp
GUM, ARABIC—150 bgs, Brown Bros, Harriman, Frankfurt, Hamburg
COPAL—64 bskts, Manufacturers Trust Co, Kota Baroe, Macassar
COPAL SIFTINGS — 100 bgs, 11,243 lbs, American Cyanamid & Chemical Corp, Black Hawk, Antwerp
DAMMAR—25 cs, Manufacturers Trust Co, Kota Baroe, Batavia
INDUSTRIAL—35 cks, 8 tons, 14 cwt, 2 qtrs, J P Marston Co, Scythia, Liverpool
KARAYA—26 bgs, Silverfir, Bombay
INK, PRINTING—1 cs, 304 lbs, Quaker City, Hamburg
MACE—16 cs, Kota Baroe, Macassar
MAGNESIA, CARBONATE—224 bgs, 5 tons, 3 cwt, 2 qtrs, Dolliff & McGrath, Scythia, Liverpool
HYDRATE — 10 cs, 10 cwt, 1 qtr, 22 lbs, Schofield-Donald Co, Liberty, Liverpool
MAGNESITE—200 bgs, Edam, Rotterdam
MEDICINAL PREPS—11 cs, Quong Wo Lung, President Pierce, Hongkong
15 pkgs, Foo Sun Co, President Pierce, Hongkong
MUSTARD SEED—150 bgs, 33,069 lbs, Quaker City, Hamburg
MYROBALANS EXTRACT, POWD—200 bgs, 10 tons, Scythia, Liverpool
NAPHTHALENE—345 bgs, 25 tons, 6 cwt, 3 qtrs, Calco Chemical Co, Quaker City, Hull
NUTGALLS—252 bgs, ntfy, John D Lewis, Nanman, Shanghai
NUTMEGS—40 bgs, 4,497 lbs, Troilus, Batavia
30 cs, Kota Baroe, Macassar
OCHER—100 bgs, 5,291 lbs, Exeter, Marseilles
OIL, CODLIVER—25 bbls, Edam, Rotterdam
100 dms, United Drug Co, Frankfurt, Hamburg
30 dms, M F Foley Co, Toronto, Aalesund
25 dms, Toronto, Bergen
100 dms, Carleton & Hovey, Toronto, Bergen
200 dms, United Drug Co, Toronto, Bergen
FUEL—66,421 bbls, 10,256 tons, Mexican Petroleum Corp, Teddy, Aruba
LUBRICATING—75 bbls, 40,139 lbs, Black Hawk, Antwerp
OLIVE—80 cs, 6,614 lbs, Exeter, Genoa
25 cs, 1,047 lbs, Exeter, Marseilles
100 bbls, First National Bank, Beemsterdijk, Rotterdam
PALM—830 tons, Balfour, Guthrie & Co, West Irmo, Koko
115 tons, Balfour, Guthrie & Co, West Irmo, Abonema
1,000 tons, Van Leeuwen, Boomkamp & Co, Troilus, Belawan Deli
487 tons, Kota Baroe, Belawan Deli
453 tons, Irisbank, Belawan Deli
PALMKERNEL—280 tons, Frankfurt, Hamburg
PEANUT—20 cs, Quong Wo Lung, President Pierce, Hongkong
15 cs, Foo Sun Co, President Pierce, Hongkong
SULPHUR OLIVE—26 dms, National Bank of Greece, Giulia, Piraeus
149 dms, Bank of Athens, Giulia, Piraeus
OSSEIN—2,000 bgs, 223,987 lbs, Black Hawk, Antwerp
PEATMOSS—1,600 bls, Edam, Rotterdam
2,500 bls, Beemsterdijk, Rotterdam
1,000 bls, L E Page, Frankfurt, Bremen
950 bls, Frankfurt, Bremen
400 bls, Premier Peat Moss Corp, Beemsterdijk, Rotterdam
PEPPER, BLACK—81 bgs, Catz American Co, Steel Traveler, Batavia
PITCH—6 bbls, 1 ton, Scythia, Liverpool
POPPYSEED—50 bgs, Edam, Rotterdam
POTASH, SULPHATE—2,000 bgs, N V Potash Export My, Frankfurt, Hamburg
PRESERVATIVE, WOOD—3 dms, 13 cwt, 8 lbs, Cuprinol, Inc, Scythia, Liverpool
QUEBRACHO EXTRACT—3,900 bgs, 426,144 lbs, American Tanners, Ltd, West Calumb, Buenos Aires
SALTPETER—20 cks, 12,037 lbs, Quaker City, Hamburg
SAND, MOULDING—105 cks, 69,445 lbs, Whitehead Bros Co, Collamer, Havre
SESAMESEED—10 bbls, Quong Wo Lung, President Pierce, Hongkong
SHELLAC—45 dble bgs, 15 cs, J H Schroeder Banking Corp, Frankfurt, Hamburg
SILICON CARBIDE—170 cks, 41,226 lbs, American Abrasive Co, Quaker City, Hamburg
SIKA—180 cks, American Abrasive Co, Toronto, Stavanger
SOAP—50 cs, 2,114 lbs, Conti Products Corp, Exeter, Leghorn
TOILET—31 cs, T D Downing Co, American Trader, London
1 cs, Lever Bros, American Trader, London
SODA, HYPOSULPHITE—200 bgs, 22,046 lbs, Irving M Sobin & Co, Black Hawk, Antwerp
NITRATE—20 cks, 12,037 lbs, Quaker City, Hamburg
SPIEGELEISEN, FERRO MANGANESE—100 tons, Toronto, Heroen
STARCH, CHEMICALLY TREATED—170 bgs, Edam, Rotterdam
POTATO—10 bgs, ntfy, Charles S Tanner Co, Edam, Rotterdam
700 bgs, 154,322 lbs, Continental Grain Co, Black Hawk, Rotterdam
TALC—275 bgs, 60,626 lbs, L A Salomon & Bros, Collamer, Havre
100 bgs, 22,046 lbs, Whittaker, Clark & Daniels, Collamer, Havre
TAPIOCA FLAKE SIFTINGS—214 bgs, 34,194 lbs, National City Bank, Troilus, Sourabaya
FLOUR—2,188 bgs, 4,532 lbs, National City Bank, Troilus, Sourabaya
450 bgs, H P Winter & Co, Kota Baroe, Batavia
1,000 bgs, Arnold, Hoffman Co, Kota Baroe, Batavia
4,655 bgs, National City Bank, Kota Baroe, Sourabaya
500 bgs, Rutger, Bleecker & Co, Steel Trawler, Cheribon
276 bgs, Bank of New York Co, Steel Traveler, Sourabaya
552 bgs, from Netherland Indies
1,070 bgs, Balfour, Guthrie & Co, Irisbank, Pemanoekan
PEARL—113 bgs, Catz American Co, Steel Traveler, Cheribon
139 bgs, 22,696 lbs, National City Bank, Troilus, Sourabaya
250 bgs, National City Bank, Kota Baroe, Sourabaya
SEED—150 bgs, National City Bank, Kota Baroe, Sourabaya
TARTAR—135 bgs, 11,354 lbs, First National Bank, Exeter, Marseilles
THYME LEAVES—20 bls, 2,227 lbs, Exeter, Marseilles
TOILET PREPS—1 cs, Lever Bros, Scythia, Liverpool
1 cs, Lever Bros, American Trader, London
WAX, MONTAN—256 bgs, 56,041 lbs, Quaker City, Hamburg
750 bgs, Strohmeyer & Arpe, Frankfurt, Hamburg
WHITING—500 bgs, 55,115 lbs, Nicholas H Weitzner, Black Hawk, Antwerp
WOODFLOUR—400 bgs, State Chemical Co, Edam, Rotterdam
650 bgs, Toronto, Bergen

Boston Transit Imports

COLOR, DRY—1 cs, American Express Co, Liberty, Liverpool, for Los Angeles
1 cs, American Express Co, Liberty, Liverpool, for Cleveland
IRON ORE—18 cks, 5 tons, 13 cwt, 2 qtrs, 7 lbs, American Express Co, Liberty, Liverpool, for Columbus, Ohio
MUSTARDSEED—10 bgs, American Express Co, Beemsterdijk, Rotterdam, for St Louis
OIL, PEANUT—15 cs, Wong Lai Farm, President Pierce, Hongkong, for Hartford, Conn
POLISH, SHOE—2 cs, American Express Co, American Trader, London, for Portland, Me

Gloucester Imports

CODLIVER OIL CAKE—137 bbls, 27,300 lbs, from Nova Scotia
GLUESTOCK, FISH SCRAP—439 bgs, Russia Cement Co, O K Service III, Lockeport, N S
91,480 lbs, Russia Cement Co, O K Service III, Lockeport, N S
57,000 lbs, Rogers Isinglass & Glue Co, O K Service III, Lockeport, N S
40 bxs, from Nova Scotia
OIL, COD—140 bbls, 5,600 gls, from Nova Scotia

Houston Imports

CHEMICALS—3,629 cans, San Diego, Le Havre
GLASS, PLATE, POLISHED—45 cs, Boschdijk, Antwerp
WINDOW—730 cs, Boschdijk, Antwerp
MOLASSES—923,803 gls, Beaufort, Havana
700,000 gls, Beaufort, Preston
OIL, CHINAWOOD—50 dms, El Dia, New York
CREOSOTE—1,199 tons, Chr Th Boe, Manchester
SAMPLES—7 cs, Tortugas, Tampico
OLEO STEARIN—3,630 bgs, Rio de Janeiro, Buenos Aires
PEPPER—680 bgs, Hybert, Antwerp
QUEBRACHO EXTRACT — 500 bgs, Rio de Janeiro, Buenos Aires

Los Angeles Imports

AGAR AGAR—1,330 lbs, Florida, Kobe
AMMONIA PHOSPHATE—201,600 lbs, Rochelle Trail, Canada
BABASSU KERNELS—660,000 lbs, West Cactus, Brazil
BALSAM, CRUDE—590 lbs, Marianne, San Salvador
BONEMEAL—100,000 lbs, Holland, Dairen
CAMPHOR, REFINED—3,000 lbs, Holland, Kobe
CHEMICAL COMPOUND—2,460 lbs, Tatsuta, Yokohama
40 lbs, From Bremen
CHILLIES—10,000 lbs, Holland, Kobe
COCONUTS—30,000 lbs, San Marcos, Colon
COLORS, CERAMIC—200 lbs, From Birmingham
COTTONSEED MEAL—600,000 lbs, Holland, Kobe
FLAXSEED—4,480,000 lbs, Santa Clara Valley, Buenos Aires
LINSEED MEAL—160,000 lbs, Holland, Kobe
MARMITE EXTRACT—1,120 lbs, From London
MEDICINAL PREPS—1,870 lbs, From Belfast
700 lbs, From London
250 lbs, Tatsuta, Yokohama
OIL, CHINAWOOD—21,000 lbs, Tatsuta, China
106,670 lbs, Holland, Shanghai
COTTONSEED—302,930 lbs, Tai Yang, Japan
MUSTARDSEED—40,000 lbs, Holland, Kobe
PEANUT—10,030 lbs, Holland, Shanghai
SESAME—16,000 lbs, Holland, Shanghai
TEASEED—39,850 lbs, Holland, Shanghai
PAPRIKA—3,300 lbs, Seattle, Budapest
2,750 lbs, Narenta, Marata, Sprain
22,000 lbs, Parthenia, Marcia, Spain
8,270 lbs, Parthenia, Valencia
PEANUT MEAL—700,000 lbs, Holland, Tsingtao
50,000 lbs, Holland, Kobe
PEATMOSS—40,320 lbs, Benj Franklin, Malmo
POTASH SULPHATE — 1,666,560 lbs, San Mateo, Amsterdam
20,160 lbs, Washington, Amsterdam
RESIN, SYN—1,000 lbs, From Montreal
RICE FLOUR—970 lbs, Holland, Kobe
SEAWEEDS, DRIED—1,120 lbs, Holland, Kobe
SESAME SEED—2,500 lbs, Holland, Shanghai
15,000 lbs, Hokkai, Hongkong
MEAL—200,000 lbs, Holland, Kobe
SODA CYANIDE—2,000 lbs, San Mateo, Paris
SOAP, TOILET—800 lbs, From London
SOYBEAN MEAL—350,000 lbs, Holland, Dairen
230,000 lbs, Holland, Kobe
STARCH, POTATO—970 lbs, Holland, Kobe
WATER, MINERAL—7,450 lbs, San Jose, Lvon

Mobile Imports

BAUXITE ORE—2,820 tons, Askeladden, Paramaribo
2,434 tons, Zenda, Georgetown
MOLASSES—296,833 gls, Amolco, Matanzas
538,000 gls, Amolco, Sauga

New Orleans Imports

BAUXITE ORE—2,630 tons, Republic Mining & Mfg Co, Atna, Paramaribo
2,525 tons, Republic Mining & Mfg Co, Sea Valour, Paramaribo
2,635 tons, Republic Mining & Mfg Co, Austvangen, Paramaribo
2,210 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
2,800 tons, Aluminum Ore Co, Bestik, Georgetown
BLEACHING POWDER — 80 dms, Goslar, Hamburg
BLOOD, DRIED—1,696 sx, Swift & Co, Rio de Janeiro, Buenos Aires
CHEMICALS—72 csks, Advance Solvents & Chem Corp, Hagen, Hamburg
72 csks, Advance Solvents & Chem Corp, Koenigsberg, Hamburg
331 sx, F Berk & Co, Koenigsberg, Bremen
COCONUTS—100 sx, Whitney Bank, Metapan, Cristobal
133 sx, Standard Fruit & S S Co, Contessa, Ceiba
100 sx, Lindvangen, Kingston
260 sx, Fruit Dispatch Co, Baja California, Swan Island
133 sx, Standard Fruit & Steamship Co, Cefalu, Ceiba
100 sx, Lysefjord, Belize
COPPERAS—144 bbls, 300 sx, United Fruit Co, Nishmaha, Hamburg
COPRA—610 tons, Endicott, Zamboanga
740 tons, Endicott, Cebu
500 tons, Endicott, Bulan
MEAL—6,720 sks, Endicott, Manila

GUM, CHICLE—1,068 bls, Wm Wrigley jr, Gansfjord, Belize
203 bls, Wm Wrigley Jr, Cefalu, Cristobal
9 bls, Chicle Development Co, Lysefjord, Belize
PERILLO—33 bls, Wm Wrigley Jr, Santa Marta, Cristobal
JALAP ROOT—9 sks, Morazan, Tampico
MOLASSES—947,341 gls, Commercial Molasses Corp, Ruth Kellogg, Puerto Padre
555,558 gls, Commercial Molasses Corp, Ruth Kellogg, Matanzas
200 bbls, Penick & Ford, Lindvangen, Paramaribo
1,396,430 gls, Cuba Distilling Co, Cassimir, Matanzas
896,002 gls, North American Trading & Import Co, Winnetou, Santiago
508,199 gls, North American Trading & Import Co, Winnetou, Cienfuegos
NAPHTHALENE—920 sks, Standard Fruit & Steamship Co, Hagen, Hamburg
OIL, CODLIVER—120 dms, D L Carter, Goslar, Bremen
LUBRICATING—80 dms, Western Queen, Antwerp
MINERAL—20 dms, Standard Fruit & Steamship Co, Hagen, Hamburg
OLIVE—35 cs, Ida, Trieste
PALM—750 tons, Van Leeuwen, Boomkamp & Co, Tanimbar, Belawan Deli
1,025 tons, Guaranty Trust Co, Tanimbar, Belawan Deli
PALMKERNEL — 499 tons, Koenigsburg, Hamburg
695 tons, Goslar, Hamburg
SESAME—50 dms, Taormina Corp, Western Queen, Rotterdam
50 dms, Lipscomb Bros, Western Queen, Rotterdam
100 dms, Interstate Grocery Co, Western Queen, Rotterdam
PEATMOSS—17,671 bls, Peat Import Corp, Nishmaha, Bremen
7,488 bls, Premier Peat Moss Corp, Western Queen, Rotterdam
1,070 bls, Missouri Pacific Line, Western Queen, Rotterdam
POTASH, CHLORATE—50 bbls, United Fruit Co, Nishmaha, Hamburg
804 cks, Bank of Manhattan, Hagen, Hamburg
SAGE LEAVES—69 bls, Ida, Trieste
SODA, NITRATE—5,000 tons, Guaranty Trust Co, Stirlingville, Tocopilla
TALC—1,000 sks, Nicolo Odero, Savona
ZINC, WHITE—6 bbls, Munson Steamship Line, Koenigsberg, Hamburg

Norfolk Imports

CHEMICALS—155 dms, Chase National Bank, N Y, Fermia, Rotterdam
FERTILIZER, NITROGENOUS—504 tons, J C Jett, Fermia, Rotterdam
994 tons, Bradley & Baker, Fermia, Rotterdam
IRON OXIDE—446 bgs, 10 tons, 15 cwt, 12 qtrs, J Lee Smith & Co, Liberty, Manchester
MANGANESE ORE—8,300 tons, Lavino Shipping Co, Otterpool, Takoradi
5,000 tons, Lavino Shipping Co, Annavore, Santiago
MAGNESIA, SULPHATE—182 bgs, 16 tons, City of Baltimore, Hamburg
OIL, COTTONSEED—791 tons, Exminster, Bourgas
PALM—50 dms, 10 tons, 15 cwt, 3 qtrs, 26 lbs, Liberty, Manchester
SALTCAKE—254 bgs, 23 tons, City of Baltimore, Hamburg
STARCH, CHEMICALLY TREATED—1 pocket, Norfolk Tidewater Terminals, Fermia, Rotterdam
TAPIOCA FLOUR—250 bgs, N Y Trust Co, Tanimbar, Cheribon
5,460 bgs, Guaranty Trust Co, Tanimbar, Cheribon
500 bgs, Guaranty Trust Co, Exminster, Bourgas

Philadelphia Imports

ACID, COTTONSEED OIL—182 bbls, George A Street, Binnendijk, Rotterdam
FATTY — 180 bbls, Laurel Soap Mfg Co, Quaker City, Hull
AMMONIA, SULPHATE—1,000 bgs, Bradley & Baker, Binnendijk, Rotterdam
BARYTES—500 bgs, Aakre, Seville
BONE GRIST—7,185 bgs, H J Baker & Bro, Algic, Buenos Aires
CANARY SEED—407 bgs, Paraguayo, Buenos Aires
813 bgs, Algic, Buenos Aires
846 bgs, Balfour, Guthrie & Co, Algic, Buenos Aires
155 bgs, National City Bank, Algic, Buenos Aires
CASEIN—250 bgs, J Henry Schroeder Banking Corp, Algic, Buenos Aires
417 bgs, Chemical Bank & Trust Co, Algic, Buenos Aires
CHEMICALS—50 dms, 2 cs, Binnendijk, Rotterdam
900 bgs, Wilmington Warehousing Co, Binnendijk, Rotterdam
300 cks, Advance Solvents & Chemical Corp, Binnendijk, Rotterdam
25 dms, Th Goldschmidt Corp, Binnendijk, Rotterdam
CHROME ORE—2,003 tons, 10 cwt, 2 qtrs, 4 lbs, E J Lavino & Co, Henry S Grove, Beira
502 tons, 6 cwt, 2 qtrs, 3 lbs, Philadelphia National Bank, Henry S Grove, Lourenco Marques
15,880 lbs, Henry S Grove, Durban
4,217.13 tons, Cuban Industrial Ore Co, Hallebjorg, Nuevitas
COCOA BEANS — 2,311 bgs, Superintendence Co, New Brooklyn, Apapa
2,063 bgs, W & A Leaman, New Brooklyn, Apapa
153 bgs, Superintendence Co, New Brooklyn, Lagos
2,644 bgs, W & A Leaman, New Brooklyn, Accra
2,400 bgs, Superintendence Co, New Brooklyn, Winnebah
3,078 bgs, Balfour, Guthrie & Co, New Brooklyn, Grand Lahou
1,539 bgs, Balfour, Guthrie & Co, New Brooklyn, Sassandra
COCONUTS—254 bgs, Edwards-Freeman, Inc, Barbara, Mayaguez
112 bgs, Barbara, Mayaguez
254 bgs, Barbara, San Juan
CORK PLANKS—496 bls, Armstrong Cork Co, Aakre, Seville
WASTE—2,240 bls, Aakre, Marseilles
937 bls, Armstrong Cork Co, Aakre, Lisbon
261 bls, Wicander & Co, Aakre, Lisbon
WOOD—4,675 bls, Armstrong Cork Co, Aakre, Seville
542 bls, Armstrong Cork Co, Aakre, Lisbon
17,294 bls, Armstrong Cork Co, Baron Saltoun, Huelva
FLAXSEED—3,270 tons, King Idwal, Rosario and Villa Constitucion
FLUORSPAR — 500 tons, Irving Trust Co, Cypria, St Raphael
GLASS, WINDOW—484 cs, Quaker City, Hamburg
GLYCERIN—40 dms, Binnendijk, Rotterdam
80 cks, Cypria, Marseilles
40 dms, City of Fairbury, Copenhagen
GUM, COPAL—260 baskets, O G Innes Corp, Tapanoeli, Macassar
DAMMAR—100 cs, Tapanoeli, Batavia
MACE—19 cs, Tapanoeli, Macassar
MANIOC MEAL—933 bgs, Tapanoeli, Samarang
MANURE, CHEMICAL — 94 bgs, Henry A Dreer, Quaker City, London
MILK POWDER—560 bgs, Binnendijk, Rotterdam
MOLASSES—410,509 gls, North American Trading & Import Co, Castana, Havana
MUSTARD SEED—300 bgs, Quaker City, Hull
250 bgs, Quaker City, London
250 sks, R T French Co, Quaker City, London
200 bgs, City of Fairbury, Gdynia
MYROBALANS—8,120 pockets, Guaranty Trust Co, New Orleans, Calcutta
800 bgs, Guaranty Trust Co, New Orleans, Bombay
5,120 pockets, Steelmaker, Calcutta
NAPHTHALENE—1,000 bgs, Binnendyk, Rotterdam
135 bgs, Barrett Co, Quaker City, Hull
NUTMEGS—95 bgs, Tapanoeli, Macassar
82 bgs, First Natl Bank of Baltimore, Tapanoeli, Samarang
OCHER—30 cks, Cypria, Marseilles
OIL, CODLIVER—450 dms, Quaker City, Hamburg
COTTONSEED—801 dms, C F Simonins Sons Co, Paraguayo, Santos
275 dms, Paraguayo, Santos
534 dms, Algic, Santos
OLIVE—75 dms, C F Simonins Sons Co, Aakre, Genoa
100 cs, Cacciola Bros, Aakre, Leghorn
SULPHUR — 200 bbls, Douredoure Bros, Aakre, Lisbon
PALM—43 cks, Cie Francaise de L'Afrique Occidental, New Brooklyn, Burutu
PEATMOSS—2,000 bls, Binnendyk, Rotterdam
1,200 bls, Peat Import Corp, Quaker City, Bremen
1,775 bls, Premier Peat Moss Corp, Binnendyk, Rotterdam
PETROLEUM, CRUDE—89,190 bbls, Atlantic Refining Co, Permian, Las Piedras
111,475 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
110,952 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
POTASH, SULPHATE—1,200 bgs, N V Potash Export Mij, Quaker City, Hamburg
POTATO STARCH—500 bgs, Stein, Hall & Co, Binnendyk, Rotterdam
200 bgs, Binnendyk, Rotterdam
ROSIN, LIQUID—50 dms, City of Fairbury, Copenhagen
28 bbls, City of Fairbury, Hango
RUTILE ORE—945 bgs, Paraguayo, Santos
306 bgs, Algic, Santos
SALTPETER—227 bgs, Quaker City, Hamburg
SEAWEED—60 bgs, Brown Bros, Harriman & Co, Quaker City, Hamburg
SHELLAC—80 bgs, Manufacturers Trust Co, New Orleans, Calcutta
75 bgs, Steelmaker, Calcutta
GARNET LAC—360 bgs, Manufacturers Trust Co, Matra, Calcutta
SUGAR BEET PULP—2,554 bgs, Quaker City, London
TANKAGE—2,984 bgs, Chase Natl Bank, Paraguayo, Buenos Aires
3,314 bgs, Paraguayo, Buenos Aires
1,307 cakes, 14 bgs, Phila Natl Bank, Paraguayo, Buenos Aires
6,639 bgs, 713 cakes, Algic, Buenos Aires
TAPIOCA FLOUR—551 bgs, Guaranty Trust Co, Tapanoeli, Cheribon
267 bgs, Balfour, Guthrie & Co, Tapanoeli, Pamanoekan
493 bgs, Natl City Bank, Tapanoeli, Sourabaya
VANILLA BEANS—6 cs, Quaker City, London
PREPARED—23 cs, Furness Withy & Co, New Orleans, Port Said
WATTLE BARK—406 bls, Tannin Corp, Henry S Grove, Durban
1,019 bgs, The Tannin Corp, Henry S Grove, Durban
WITHERITE—75 tons, Quaker City, Hull

San Francisco Imports

ACID, FATTY—200 sks, Otis, McAllister & Co, Koryu, Yokohama
AGAR AGAR—35 bls, Mitsui & Co, Holland, Kobe
ARSENIC—50 dms, Wilson & George Meyer & Co, Buenos Aires, Vancouver*
CALCIUM TARTRATE—428 bgs, American Cream Tartar Co, West Cactus, Buenos Aires
CAMPHOR, REFD—5 cs, P J Frawley, Valparaiso, Vancouver*
5 cs, Mitsui & Co, Holland, Kobe
CASSIA BARK—151 bls, S L Jones & Co, Dinteldijk, Vancouver*
CHILLIES—300 sks, S L Jones & Co, Koryu, Kobe
100 sks, S Ishimitsu Co, Koryu, Kobe
400 sks, Bank of California, Holland, Tsingtao
42 sks, S L Jones & Co, Holland, Kobe
COCOA BEANS—1,000 sks, Narenta, Cristobal
1,350 sks, Otis, McAllister & Co, Seattle, Cristobal
101 sks, Otis, McAllister & Co, Seattle, Puntarenas
COPRA—4,469 sks, Cape Horn, Suva
MEAL—1,000 sks, S L Jones & Co, Dinteldijk, Vancouver*
DENTIFRICE—2 cs, North American Mercantile Co, Koryu, Yokohama
DRUGS—220 cs, International Trading Co, Buenos Aires, Vancouver*
FERTILIZER—2,000 bls, International Trading Co, Buenos Aires, Vancouver*
300 sks, Dinteldijk, Vancouver*
FLAXSEED—8,121 sks, Bank of California, West Cactus, Buenos Aires
GLASS, PLATE—21 cs, East Bay Glass Co, Seattle, Hamburg (for Oakland)
WINDOW—100 cs, Victor Portrait Co, Elbe, Vancouver*
18 cs, Wesco Sales Co, Elbe ,Victoria*
1,148 cs, Smith Glass Co, Seattle, Antwerp
GUM COPAL—50 sks, Henry W Peabody & Co, Dinteldijk, Vancouver*
HOPS—30 cs, F F G Harper Co, Elbe, Vancouver*
KELP MEAL—300 sks, Saito Trading Co, Holland, Yokohama
LINSEED MEAL—500 sks, Mitsubishi Shoji Kaisha, Koryu, Kobe
3,000 sks, Wilbur-Ellis Co, Koryu, Kobe
500 sks, Balfour, Guthrie & Co, Koryu, Kobe
2,000 sks, Mitsubishi Trading Co, Koryu, Kobe
2,000 sks, Albers Bros Milling Co, Koryu, Kobe
1,000 sks, M W Park & Co, Holland, Kobe
LOOFAH SPONGES—10 bls, American Sponge & Chamois Co, Holland, Kobe
MACE—7 cs, S L Jones & Co, Dinteldijk, Vancouver
MEDICINAL PREPS—1 cs, Pacific Trading Co, Holland, Kobe
MENTHOL C—5 cs, Koryu, Kobe
MOSS—140 bls, Tambara & Co, Holland, Kobe
OIL, CASTOR—225 dms, Mitsui & Co, Koryu, Nagoya
10 dms, Durkee Famous Foods, Holland, Kobe
COTTONSEED—200 dms, Pacific Vegetable Oil Corpn, Koryu, Kobe
60 dms, Pacific Vegetable Oil Corpn, Holland, Kobe
COTTONSEED, HARDENED—9 cs, East Asiatic Co, Holland, Shanghai
COTTONSEED, SEMI REFD—310,065 lbs, Pacific Vegetable Oil Corpn, Koryu, Kobe
316,088 lbs, Pacific Vegetable Oil Corpn, Koryu, Kobe
215,687 lbs, Pacific Vegetable Oil Corpn, Koryu, Kobe
MUSTARD SEED, REFD AND DEODORIZED—150 dms, Balfour, Guthrie & Co, Koryu, Kobe
PERILLA—150 dms, S L Jones & Co, Holland, Kobe
RICE BRAN—22 dms, Durkee Famous Foods, Koryu, Kobe
SPERM—50 dms, S L Jones & Co, Dinteldijk, Vancouver*
VEGETABLE SEDIMENT — 85 cs, Koryu, Yokohama
PEANUT MEAL—1,600 sks, Balfour, Guthrie & Co, Koryu, Yokohama
750 sks, Mitsubishi Shoji Kaisha, Holland, Tsingtao
PEPPER, BLACK—31 sks, S L Jones & Co, Dinteldijk, Vancouver*
WHITE—122 sks, S L Jones & Co, Dinteldijk, Vancouver*
POTASH SULPHATE—13 sks, North German Lloyd, Elbe, Vancouver*
6,000 sks, Wilson & George Meyer & Co, Seattle, Hamburg
PYRETHRUM FLOWERS—125 bls, S L Jones & Co, Dinteldijk, Vancouver*
QUEBRACHO EXTRACT—1,072 sks, Tannin Corpn, West Cactus, Buenos Aires
700 sks, International Products Corpn, West Cactus, Buenos Aires
SALTPETER—415 sks, Wilson & George Meyer & Co, Elbe, Victoria*
SARDINE MEAL—2,000 sks, Balfour, Guthrie & Co, Koryu, Kobe
2,000 sks, Taylor Milling Corpn, Koryu, Yokohama
SESAME MEAL—5,000 sks, Balfour, Guthrie & Co, Koryu, Kobe
2,000 sks, Balfour, Guthrie & Co, Koryu, Yokohama
1,000 sks, National City Bank of Cleveland, Yokohama
1,000 sks, Balfour, Guthrie & Co, Holland, Yokohama
SHELLAC—100 sks, Henry W Peabody & Co, Dinteldijk, Vancouver*
SODA CHLORATE—454 dms, Chemnyco, Inc, Seattle, Hamburg
1,454 dms, International Selling Corpn, Seattle, Antwerp
SOYBEAN—3,200 sks, Mitsubishi Shoji Kaisha, Holland, Dairen
MEAL—8,000 sks, Balfour, Guthrie & Co, Holland, Dairen
2,000 sks, Mitsubishi Shoji Kaisha, Holland, Dairen
TOILET PREPS—6 cs, North American Mercantile Co, Koryu, Yokohama
UREA—2,000 sks, Wilson & George Meyer & Co, Elbe, Victoria*
WAX, VEGETABLE—50 cs, Koryu, Kobe
25 cs, M S Cowen Co, Koryu, Kobe

* Shipment originated at foreign port other than that designated, but was held at designated port during recent shipping strike.

Tampa Imports

COCOA BEANS—25 cs, Cuba, Havana
TOILET PREPS—8 ctns, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Ancon, February 9; Antonia, March 5; Argentino, February 25; Argosy, February 21; Ary Lensen, March 12; Ascania, March 11; Atlantida, February 26; March 12; Bergensfjord, March 2; Black Hawk, February 17; Borinquen, March 4; Buenaventura, February 2; Calamares, March 6; Coamo, February 27; Collingsworth, February 20; Colombia, March 11; Cristobal, February 24; Falcon, March 3; Frida, March 3; Guayaquil, February 16; Hansa, March 6; Henri Jasper, March 12; Ile de France, March 12; Konigstein, March 13; Lagaholm, March 13; Lehigh, March 12; Makiki, March 11; Marga, March 19; Martinique, March 4; Pastores, March 4; Queen Mary, March 9; Ravnebjell, March 13; Samaria, March 12; San Juan, February 27; Santa Elena, February 27; Scanstates, February 25; Silversandal, February 20; Tampa, March 5; Taybank, March 8; Topdalsfjord, March 4; Tyrifjord, February 8; Vaclite, March 10; Veendam, February 26; West Imboden, March 10

ACETONE (Argosy) 4,116 lbs, Gothenburg; 2,472 lbs, Malmo

ACID, MURIATIC — 30,660 lbs, San Juan, Ponce; (Borinquen) 4,499 lbs, Ciudad; 7,862 lbs, San Juan; 3,770 lbs, Frida, Buenaventura

PHOSPHORIC PASTE — 67,485 lbs, West Imboden, Buenos Aires

SULPHURIC—1,009 lbs, Pastores, Porto Colombia; 4,701 lbs, Borinquen, San Juan

ALCOHOL, BUTYL—(Argosy) 660 dms, Stockholm; 275 gls, Gothenburg

AMYL ACETATE—8,510 lbs, Collingsworth, Rio de Janeiro

ASBESTOS, POWD—41,050 lbs, Collingsworth, Montevideo

ASPHALT—40,144 lbs, Konigstein, Antwerp; 269,764 lbs, Ary Lensen, Piraeus; 39,936 lbs, Black Hawk, Antwerp; 32,465 lbs, Ravnebjell, London; (Tampa) 417,210 lbs, Karachi; 114,072 lbs, Calcutta; 2,048 lbs, Atlantida, Santiago

LIQUID—229,882 lbs, Henri Jasper, Antwerp

ROOF—11,087 lbs, Borinquen, San Juan

SOLID—20,817 lbs, Argosy, Gothenburg

BAKING POWDER — 6,970 lbs, Argentino, Montevideo

BLACK, BONE—1,500 lbs, Scanstates, Copenhagen

BLOOD, DRD—33,070 lbs, Hansa, Istanbul

BLUE, LAUNDRY—3,603 lbs, Pastores, Cartagena

VITRIOL—22,151 lbs, Frida, Buenaventura; 59,000 lbs, West Imboden, Buenos Aires

BUTYL ACETATE—(Argosy) 14,084 lbs, Gothenburg; 2,295 lbs, Helsingborg

CALCIUM, ARSENATE — 56,381 lbs, Frida, Paita

CARBIDE—3,195 lbs, Calamares, Puntarenas

CARBON BISULPHIDE—24,080 lbs, Guayaquil, Porto Colombia; 16,104 lbs, Buenaventura, Porto Colombia

VEGETABLE — (Collingsworth) 29,264 lbs, Rio de Janeiro; 4,464 lbs, Montevideo

CHEMICALS—1,452 lbs, Argosy, Gothenburg; 1,372 lbs, Henri Jasper, Antwerp

CHLORINE, LIQ — (Guayaquil) 5,698 lbs, Porto Colombia; 7,839 lbs, Cristobal; (Buenaventura) 6,789 lbs, Buenaventura; 8,190 lbs, Callao; 6,420 lbs, Porto Colombia

CLAY—116,000 lbs, Hansa, Hamburg

COALTAR—3,210 lbs, Atlantida, Manzanillo; 2,255 lbs, Borinquen, Ciudad; 9,000 lbs, Topdalsfjord, Bergen; (Frida) 16,764 lbs, Salaverry; 5,192 lbs, Callao

INTERMEDIATES—5,923 lbs, Black Hawk, Rotterdam

CORN FLOUR—4,625 lbs, Hansa, Funchal; 1,415 lbs, Pastores, Porto Colombia; 13,360 lbs, Frida, Callao

SYRUP—750 lbs, Taybank, Shanghai; (Frida) 3,075 lbs, Buenaventura; 1,645 lbs, Callao

DENTIFRICES—20,260 lbs, Black Hawk, Amsterdam

DISINFECTANT—3,143 lbs, Calamares, Guaymas

COALTAR—(Calamares) 243 lbs, Paita; 1,545 lbs, Santa Marta

DYES—(Scanstates) 1,268 lbs, Stockholm; 1,552 lbs, Helsingfors; (Black Hawk) 14,289 lbs, Antwerp; 2,048 lbs, Rotterdam; (Tampa) 44,215 lbs, Bombay; 5,604 lbs, Calcutta; 4,051 lbs, Veendam, Rotterdam; 2,037 lbs, Henri Jasper, Antwerp

ANILIN—820 lbs, Konigstein, Antwerp

DYEWOOD EXTRACT—12,543 lbs, Antonia, Liverpool; 4,987 lbs, Samaria, Liverpool

FERRITES—16,176 lbs, West Imboden, Buenos Aires

GASOLINE—(Falcon) 2,650 gls, La Guaira; 825 gls, Maracaibo; 1,500 gls, Guayaquil, Port Prince; (Buenaventura) 38,500 gls, Buenaventura; 44,000 gls, Porto Colombia

GLUCOSE—2,705 lbs, Tampa, Calcutta

POWDERED—(Tampa) 1,504 lbs, Karachi; 1,500 lbs, Bombay

GLUE, DRY—1,002 lbs, Borinquen, San Juan

GLYCERIN—7,392 lbs, Ary Lensen, Izmir; 1,193 lbs, Calamares, Panama City

GREASE, LUBRICATING—4,509 lbs, Argosy, Helsingfors; (Argentino) 2,652 lbs, Montevideo; 2,174 lbs, Porto Alegre; (West Imboden) 32,240 lbs, Rio de Janeiro; 1,735 lbs, Santos; 108,866 lbs, Ascania, London; 11,623 lbs, Antonia, Calcutta; 61,927 lbs, Hansa, Hamburg; 7,570 lbs, Cristobal, Callao; 39,491 lbs, Lehigh, Manchester; 30,288 lbs, Ravnebjell, Antwerp; (Taybank) 71,415 lbs, Manila; 4,422 lbs, Hongkong; (Tampa) 18,145 lbs, Madras; 12,610 lbs, Calcutta; 13,845 lbs, Guayaquil, Porto Bolivar; (Buenaventura) 12,486 lbs, Buenaventura; 19,110 lbs, Panama City; (Ancon) 4,598 lbs, Acajutla; 4,995 lbs, Panama City; (Silversandal) 4,700 lbs, Capetown; 1,199 lbs, Port Elizabeth; 18,757 lbs, East London; 11,718 lbs, Durban; (Calamares) 3,342 lbs, Cartagena; 867 lbs, Paita; 11,797 lbs, Argosy, Stockholm; 840 lbs, Topdalsfjord, Bergen; (Bergensfjord) 1,013 lbs, Mandal; 4,102 lbs, Oslo; 18,334 lbs, Santa Elena, Cartagena; (Lagaholm) 4,647 lbs, Gothenburg; 4,647 lbs, Malmo; 1,962 lbs, Norrkoeping; 1,962 lbs, Helsingborg; 1,962 lbs, Sundsvall; 12,005 lbs, Samaria, Liverpool; (Frida) 3,840 lbs, Buenaventura; 30,177 lbs, Tocopilla

HERBS—1,654 lbs, Ascania, London

INK, PRINTING—53,635 lbs, West Imboden, Rio de Janeiro

INSECTICIDE, AGRIC—(Ary Lensen) 269,764 lbs, Tel Aviv; 2,060 lbs, Izmir; 5,534 lbs, Hansa, Helsingfors

HOUSEHOLD — 3,437 lbs, Antonia, Liverpool; 9,182 lbs, Lehigh, Dublin; 12,904 lbs, Tampa, Bombay; 8,852 lbs, Bergensfjord, Oslo

KEROSENE — (Martinique) 1,500 gls, Port Paix; 10,000 gls, Cape Haitien; 5,000 gls, Gonaives; 7,000 gls, Pastores, Port au Prince

LACQUER — (Silversandal) 5,703 lbs, Capetown; 10,065 lbs, East London

LARD—42,685 lbs, Antonia, Liverpool; (Borinquen) 8,888 lbs, San Juan; 7,200 lbs, Ponce; 44,100 lbs, Lehigh, Manchester; 27,126 lbs, Black Hawk, Antwerp; 33,800 lbs, Coamo, San Juan; (San Juan) 32,175 lbs, San Juan; 3,950 lbs, Jobos; 14,200 lbs, Guanica; 6,179 lbs, Arecibo; (Atlantida) 30,120 lbs, Santiago; 4,040 lbs, Cienfuegos; 74,600 lbs, Samaria, Liverpool

LEAD ARSENATE—11,376 lbs, Frida, Paita

BLUE—11,836 lbs, Scanstates, Helsingfors; 11,819 lbs, Bergensfjord, Mandal

WHITE — 23,603 lbs, Scanstates, Helsingfors; 106,000 lbs, Cristobal, Cristobal; 59,193 lbs, Veendam, Amsterdam

LINSEED CAKE—6,194,786 lbs, Henri Jaspar, Antwerp

LUBRICANTS—8,995 lbs, Veendam, Amsterdam

MONOETHANOLAMINE — 509 lbs, Antonia, Liverpool

OIL, CASTOR—1,440 lbs, Borinquen, San Juan; (San Juan) 3,178 lbs, San Juan; 181 lbs, Guanica

CHINAWOOD — 5,057 lbs, West Imboden, Santos

COCONUT—25,169 lbs, West Imboden, Buenos Aires; 1,436 lbs, Borinquen, San Juan

CODLIVER—9,000 lbs, Topdalsfjord, Bergen

CORN—(Taybank) 1,050 lbs, Manila; 870 lbs, Shanghai; 1,504 lbs, Tampa, Bombay

CYLINDER—530,704 gls, Vaclite, Liverpool-London

EDIBLE—7,207 lbs, Frida, Buenaventura

ESSENTIAL RES—667 lbs, Hansa, Hamburg

LUBRICATING—(Argosy) 3,465 gls, Gothenburg; 6,675 gls, Copenhagen; 550 gls, Helsingfors; (Argentino) 21,560 gls, Rio de Janeiro; 14,595 gls, Santos; 825 gls, Montevideo; 1,230 gls, Porto Alegre; (West Imboden) 27,064 gls, Rio de Janeiro; 12,375 gls, Santos; 2,090 gls, Buenos Aires; (Konigstein) 2,720 gls, Rotterdam; 7,085 gls, Antwerp; 11,770 gls, Ascania, London; (Antonia) 420 gls, Birkenhead; 7,546 gls, Liverpool; 1,375 gls, Ary Lensen, Bourgas; (Hansa) 1,260 gls, Prague; 40,938 gls, Hamburg; 1,050 gls, Budapest; 4,125 gls, Cristobal, Callao; 3,850 gls, Borinquen, Ciudad; 23,575 gls, Lehigh, Manchester; 1,344 gls, Black Hawk, Antwerp; 1,275 gls, Falcon, Maracaibo; (Taybank) 12,880 gls, Manila; 13,750 gls, Hongkong; 84,380 gls, Shanghai; (Tampa) 30,800 gls, Karachi; 35,955 gls, Bombay; 2,320 gls, Madras; 935 gls, Rangoon; 35,730 gls, Calcutta; 135,176 gls, Vaclite, Liverpool-London; 1,375 gls, Pastores, Porto Colombia; (Guayaquil) 2,860 gls, Amapala; 950 gls, Cristobal; (Ancon) 5,390 gls, Panama City; 3,715 gls, Cristobal; 1,680 gls, Silversandal, Port Elizabeth; 1,115 gls, Collingsworth, Santos; 16,000 gls, Montevideo; (Calamares) 2,200 gls, Santa Marta; 2,750 gls, Porto Colombia; 9,350 gls, San Juan, San Juan; 27,370 gls, Veendam, Amsterdam; 21,090 gls, Argosy, Stockholm; 420 gls, Tyrifjord, Bergen; (Topdalsfjord) 2,375 gls, Bergen; (Bergensfjord) 12,532 gls, Bergen; 550 gls, Mandal; 60,410 gls, Oslo; 1,430 gls, Henri Jasper, Antwerp; (Ile de France) 33,895 gls, Havre; 7,240 gls, Bordeaux; 7,224 gls, St Nazaire; (Lagaholm) 210 gls, Malmo; 275 gls, Stockholm; 19,987 gls, Helsingfors; (Samaria) 7,150 gls, Calcutta; 24,895 gls, Liverpool; (Frida) 5,085 gls, Buenavenutra; 1,650 gls, Callao; 6,600 gls, Toconilla; 7,150 gls, Antofagasta; (Santa Elena) 1,300 gls, Porto Colombia; 1,850 gls, Cartagena

MINERAL—(Scanstates) 1,100 gls, Gothenburg; 2,200 gls, Stockholm; 1,100 gls, Helsingfors; 1,870 gls, Konigstein, Rotterdam; 6,875 gls, Ascania, London; 3,850 gls, Antonia, Liverpool

NEATSFOOT—2,360 lbs, Hansa, Hamburg

OLEO—59,090 lbs, Ascania, London; 47,000 lbs, Veendam, Rotterdam; 45,840 lbs, Lagaholm, Stockholm

OIL, PEPPERMINT—1,450 lbs, Hansa, Dresden
STONE—840 gls, Scanstates, Copenhagen
SULPHONATED—2,072 lbs, Antonia, Liverpool
TRANSFORMER—220 gls, West Imboden, Buenos Aires; 470 gls, Bergensfjord, Bergen
PAINT—(Argosy) 4,462 lbs, Gothenburg; 20,493 lbs, Copenhagen; 33,155 lbs, Taybank, Manila; (Pastores) 1,400 lbs, Port Prince; 6,544 lbs, Porto Colombia; (Silversandal) 6,816 lbs, Port Elizabeth; 2,781 lbs, East London; 694 lbs, Collingsworth, Santos; (Calamares) 7,677 lbs, Porto Colombia; 5,719 lbs, Panama City; (San Juan) 1,940 lbs, San Juan; 4,346 lbs, Guanica; (Bergensfjord) 3,766 lbs, Oslo; 3,656 lbs, Bergen
ENAMEL—33,565 lbs, Scanstates, Stockholm; 4,125 lbs, Samaria, Liverpool
PREPARED — 5,312 lbs, Ancon, Cristobal; 106,000 lbs, Guayaquil, Cristobal; 1,950 lbs, Atlantida, Santiago; 21,250 lbs, Henri Jasper, Antwerp; (Frida) 4,180 lbs, Buenaventura; 6,536 lbs, Arica
THINNER—1,925 gls, West Imboden, Buenos Aires
PARAFFIN — (Argosy) 100,100 lbs, Copenhagen; 2,224 lbs, Helsingfors; 33,960 lbs, West Imboden, Buenos Aires; 22,393 lbs, Antonia, Liverpool; 556,140 lbs, Hansa, Hamburg; 15,152 lbs, Cristobal, Puntarenas; (Tampa) 9,605 lbs, Bombay; 66,402 lbs, Calcutta; (Guayaquil) 11,150 lbs, Amapala; 25,252 lbs. Puntarenas; 5,562 lbs, Acajutla; (Buenaventura) 10,100 lbs, Porto Colombia; 5,562 lbs, La Libertad; (Silversandal) 22,560 lbs, Port Elizabeth; 79,287 lbs, East London; 11,622 lbs, Lourenco Marques; 11,450 lbs, Calamares, La Libertad; 28,054 lbs, Veendam, Amsterdam; (Bergensfjord) 4,449 lbs, Kristianasand; 13,346 lbs, Oslo; 22,200 lbs, Atlantida, Santiago; (Santa Elena) 22,150 lbs, Porto Colombia; 22,162 lbs, Cartagena; 45,082 lbs, Samaria, Liverpool
SCALE—24,418 lbs, Konigstein, Rotterdam; 191,715 lbs, Ravnebjell, London; 229,712 lbs, Lehigh, Manchester
PETROLEUM, REF'D — 10,000 gls, Ancon, Cristobal; (San Juan) 30,000 gls, Barahona; 30,000 gls, San Juan; 7,000 gls, Ponce; 7,500 gls, Guanica; 2,000 gls, Aguadilla
POTASH, NITRATE—4,908 lbs, Frida, Buenaventura
XANTHATE—2,616 lbs, Silversandal, Lourenco Marques; 2,970 lbs, Henri Jasper, Antwerp
RESIN, SYNTH—17,625 lbs, Antonia, Liverpool; 2,239 lbs, Hansa, Hamburg; 11,899 lbs, Samaria, Liverpool
ROSIN—17,314 lbs, Frida, Mollendo
RUBBER ACCELERATOR—12,919 lbs, Queen Mary, Southampton
SOAP—10,600 lbs, Cristobal, Port au Prince; (Makiki) 73,647 lbs, Honolulu; 29,494 lbs, Hilo; 13,845 lbs, Buenaventura, Panama City; (San Juan) 11,693 lbs, San Juan; 17,250 lbs, Mayaguez; 13,420 lbs, Ponce; 21,240 lbs, Ile de France, Havre
LAUNDRY—18,800 lbs, Martinique, St Marc; 2,875 lbs, Buenaventura, Panama City
SODA ASH—(Argentino) 111,720 lbs, Montevideo; 56,696 lbs, Buenos Aires; 103,896 lbs, West Imboden, Rio de Janeiro; 6,521 lbs, Makiki, Honolulu; (Calamares) 23,652 lbs, Cartagena; 6,060 lbs, Guayaquil
BICARBONATE—3,050 lbs, Guayaquil, Port au Prince; 31,418 lbs, Atlantida, Santiago
BICHROMATE—36,261 lbs, West Imboden, Buenos Aires
CAUSTIC — 14,000 lbs, Argentino, Santos; (West Imboden) 253,101 lbs, Rio de Janeiro; 115,200 lbs, Buenos Aires; 425,510 lbs, Taybank, Shanghai; 1,153,600 lbs, Collingsworth, Santos; (Calamares) 11,704 lbs, Santa Marta; 33,600 lbs, Cartagena; 7,170 lbs, Amapala; 11,162 lbs, Veendam, Rotterdam
CHROMATE—6,121 lbs, Ary Lensen, Istanbul
HYPOSULPHITE—210,110 lbs, Taybank, Manila
PHOSPHATE TRI—11,312 lbs, Henri Jasper, Antwerp
SILICATE—36,000 lbs, Buenaventura, Panama City; 36,123 lbs, Coamo, Ciudad; 6,801 lbs, Calamares, Porto Colombia
SULPHATE—3,276 lbs, San Juan, Aguadilla
STARCH, CORN—7,050 lbs, Antonia, Liverpool; 7,050 lbs, Lehigh, Cork; 2,850 lbs, Taybank, Manila; 345 lbs, San Juan Ponce; 2,000 lbs, Atlantida, Santiago
SULPHUR—4,488 lbs, Pastores, Porto Colombia; 4,080 lbs, Calamares, Cartagena
TALC—3,838 lbs, Argentino, Buenos Aires; 11,424 lbs, Black Hawk, Antwerp; 67,200 lbs, Samaria, Liverpool
TALLOW—11,297 lbs, Coamo, Ciudad
TANNING EXTRACT—(Silversandal) 11,290 lbs, Port Elizabeth; 11,375 lbs, Durban
TOLUOL—2,860 gls, Argentino, Montevideo
TURPENTINE—(Argentino) 1,000 gls, Montevideo; 1,000 gls, Buenos Aires; 1,650 gls, Frida, Valparaiso
VARNISH—8,998 lbs, West Imboden, Rio de Janeiro
ZINC OXIDE—1,708 lbs, Argentino, Buenos Aires; 2,205 lbs, Silversandal, East London; 5,950 lbs, Samaria, Liverpool
STEARATE—1,080 lbs, Pastores, Porto Colombia

Baltimore Exports
Clearance Dates

Angol, March 17; Black Condor, March 16; City of Norfolk, March 11; Culberson, March 17; Gard, March 13; Liberty, March 11; Manchester Producer, March 19; Nako, March 13; San Angelo, March 16; Silverbeech, March 11; Silveryew, March 15

ASPHALT, SOLID—12,493 lbs, Liberty, London; 23,590 lbs, City of Norfolk, Havre
CADMIUM LITHOPONE—9,104 lbs, City of Norfolk, London
CATTLE DIP—850 lbs, Gard, St Thomas
COLOR, DRY—3,000 lbs, Nako Maru, Kobe
CORNFLOUR—20,000 lbs, Liberty, Hull
DRUGS—446 lbs, Gard, Cucuta
GREASE, LUBRICATING—4,035 lbs, City of Norfolk, Helsingfors; (Gard) 4,984 lbs, Maracaibo; 2,400 lbs, La Guaira; 2,238 lbs, Black Condor, Rotterdam; 7,049 lbs, Culberson, Santos
HAMAMELIS BARK—1,203 lbs, City of Norfolk, Havre
INSECTICIDE—2,178 lbs, San Angelo, Guayaquil
LACQUER, NITROCELLULOSE—59 gls, City of Norfolk, Helsingfors
MAGNESITE—200,159 lbs, Angol, Peru
OIL, CYLINDER—242 bbls, Manchester Producer, Manchester
FLOTATION—40,000 lbs, Angol, San Antonio
LUBRICATING—(City of Norfolk) 10,378 gls, London; 2,745 gls, Havre; 156 gls, Rotterdam
PEPPERMINT—1,200 lbs, City of Norfolk, London
OYSTER SHELL, CRUSHED—50,000 lbs, Manchester Producer, St Johns, N B
POLISH—195 lbs, Silveryew, Manila
AUTO—56 lbs, City of Norfolk, Helsingfors
POTASH MURIATE—(Silverbeech) 75 tons, Capetown; 200 tons, Durban; 25 tons, Lourenco Marques
QUERCITRON BARK—16,654 lbs, Manchester Producer, Manchester
RUTILE—6,500 lbs, Nako Maru, Kobe
SHELLAC—264 lbs, City of Norfolk, London
SOAP POWDER—(San Angelo) 77,625 lbs, Panama; 22,500 lbs, Colon
SODA, ALUMINATE—22,418 lbs, City of Norfolk, London
BICHROMATE—56,000 lbs, Manchester Producer, Manchester
WITCH HAZEL LEAVES—1,242 lbs, City of Norfolk, Hamburg

Beaumont Exports
Clearance Dates

General Tosta, March 5; Genevieve Lykes, March 10; Semiramus, March 4; Simon Von Utrecht, March 15; W M Delphia, March 5

GASOLINE—2,610 gls, W M Delphia, Belize
LARD—30 tins, Semiramus, Cozumel
OIL—70 dms, General Tosta, Belize
LUBRICATING — 5 dms, Genevieve Lykes, Port au Prince
PINE—53 dms, Simon Von Utrecht, Hamburg

Boston Exports
Clearance Dates

Binnendijk, March 12; Chemnitz, March 13; Collamer, March 18; Lady Nelson, March 13; Liberty, March 17; Macabi, March 19; Magdapur, March 18; Samaria, March 14; Yarmouth, March 13, 17

ACID, SULPHURIC—(Macabi) 43 dms, 50,710 lbs, Preston; 38 dms, 30,400 lbs, Banes
ALUMINA OXIDE—1,505 bgs, 26 kgs, 158,470 lbs, Magdapur, London; 9,018 bgs, 39 kgs, 914,423 lbs, Collamer, Seine
ASBESTOS FIBER—792 bgs, 88,792 lbs, Liberty, Hamburg
REFUSE—(Liberty) 50 bgs, 5,050 lbs, Gothenburg; 918 bgs, 92,920 lbs, Liberty, Hamburg
BLUE, LAUNDRY—1 cs, 60 lbs, Yarmouth, Halifax
BRISTLES—22 cs, 1 crtn, 2,505½ lbs, Yarmouth, St John, N B
CEMENT, DENTAL—10 crtns, 206 lbs, Collamer, Paris
CLAY—440 bbls, 52 tons, Magdapur, London; 446 bbls, 57 tons, Collamer, Seine
CRYOLITE—1 bbl, 500 lbs, Magdapur, London
DIATOMACEOUS EARTH—1,386 bgs, 75,080 lbs, Samaria, Liverpool
DRESSING, LEATHER—80 dms, 2,640 lbs, Magdapur, London
FERTILIZER, LEATHER SCRAP — 681 bls, 301,533 lbs, Collamer, Havre
FINISH, LEATHER—2 bbls, 1,034 lbs, Chemnitz, Czechoslovakia
GLUE—1 cs, 194 lbs, Magdapur, London; 36 cs, 1,080 lbs, Collamer, Paris; 10 cs, 300 lbs, Liberty, Hamburg
GLUESTOCK, HIDE TRIMMINGS — 2 bls, 1,151 lbs, Samaria, Birkenhead; 950 bgs, 59,970 lbs, Binnendijk, Rotterdam
GUM, LABEL—4 dms, 44 lbs, Liberty, London
INK, PRINTING—2 cs, 314 lbs, Samaria, Manchester
STENCIL—1 bx, 50 lbs, Magdapur, London
LAMP BLACK—8 cs, 375 lbs, Yarmouth, St John
LIGNIN LIQUOR, DRY—14 bgs, 1,400 lbs, Liberty, Malmo
LINING COMP—92 dms, 37,343 lbs, Collamer, Havre; (Liberty) 215 dms, 16,327 lbs, Odense; 28 dms, 1,348 lbs, Malmo; 190 dms, 8,740 lbs, Hamburg
LUBRICANT — 11 dms, 328 lbs, Collamer, Havre
MEDICINAL PREPS—(Samaria) 1 cs, Dublin; 135 cs, 7,276 lbs, Liverpool; 2 crtns, 432 oz, Yarmouth, Digby, N S; 560 bxs, 2,800 gls, Magdapur, London
MOLASSES—50 bbls, 2,750 gls, Binnendijk, Rotterdam
OIL, FLOOR—46 cs, 545 gls, Magdapur, Basrah
LUBRICATING — (Samaria) 1 cs, 15 gls, Liverpool; 5 bbls, 2,143 lbs, Madras; 33 bbls, 12 dms, Yarmouth, St John, N B
PASTE, FLOUR, DRY—10 bbls, 2,850 lbs, Samaria, Leicester
POLISH, AUTO—37 crtns, 88 gls, Samaria, Liverpool
STOVE—55 cs, 1,861 lbs, Yarmouth, St John, N B
SILICON CARBIDE—10 kgs, and 3 bxs, 3,228 lbs, Magdapur, London
SODA PHOSPHATE—3 bbls, 975 lbs, Yarmouth, Moncton, N B
TOILET PREPS—1 crtn, Lady Nelson, Hamilton
TURPENTINE, GUM—2 dms, and 1 crtn, 111 gls, Yarmouth, Summerside, P E I
WOOD—5 dms, 275 gls, Yarmouth, St John, N B

Corpus Christi Exports
Clearance Dates

Alabama, March 1; Omphalie, March 2; Pluvoise, February 27

PETROLEUM, CRUDE — 102,182 bbls, Pluvoise, Marseilles; 40,869 bbls, Alabama, Italy; 33,319 bbls, Omphalie, Donges

Galveston Exports
Clearance Dates

Boschdijk, March 11; Ida, March 15; Kelkheim, March 16; Kiyosumi, March 4; Lindenbank, March 8; Tillie Lykes, March 16; Vasaholm, March 9; West Tacook, March 13; William A McKenney, March 3

ASPHALT — 23 tons, Vasaholm, Copenhagen; 60 tons, Kelkheim, Hamburg
BLACK, CARBON — 100 cs, Boschdijk, London; 500 bgs, Ida, Trieste; 5 cs, Jomar, Havre; (Kiyosumi) 100 cs, Yokohama; 20 bgs, 20 cs, Kobe; (Lindenbank) 135 bgs, 335 cs, Sydney; 2,106 bgs, 27 cs, Melbourne; 6 cs, Adelaide
BORAX—7,690 bgs, Boschdijk, London
GLUCOSE—15 tons, West Tacook, Manchester
SILICON CARBIDE—770 bgs, Wm A McKenney, Baltimore
SULPHUR — (West Tacook) 500 tons, Liverpool; 1,200 tons, Manchester; (Lindenbank) 2,000 tons, Adelaide; 122 bgs, Brisbane; 490 bgs, Sydney; 10 tons, Vasaholm, Gothenburg; (Boschdijk) 1,072 bgs, London; 400 bgs, Rotterdam; 45 bgs, Oporto; 5 tons, Kelkheim, Hamburg; 2 tons, Tillie Lykes, Havana

Houston Exports
Clearance Dates

Aquarius, March 6; Boschdijk, March 11; Brandywine, March 13; Dallas City, March 16; Jomar, March 6; Kelkheim, March 12; Nordnes, March 15; Norfolk, March 6; Norvinn, March 15; Oilpioneer, March 3; Rio de Janeiro, March 8; Scottsburg, March 3; Seisho, March 4; Senator, March 4; Syros, March 16; Tillie Lykes, March 16; Tortugas, March 15; Vasaholm, March 8; Vav, March 3; Vitruvia, March 6

BLACK, CARBON—250 cs, Scottsburg, Shanghai; (Seisho) 8 tons, Yokohama; 53 tons, Osaka; 26 tons, Yokohama-Osaka-Kobe; 6 tons, Darien; 23 tons, Hankow; (Aquarius) 211 cs, Genoa; 50 cs, Piraeus; (Jomar) 500 bgs, 1,000 cs, Havre; 50 cs, Dunkirk; 225 cs, 4,900 bgs, Antwerp; (Norfolk) 25 tons, Yokohama; 1,000 tons, Osaka; 3 tons, Kobe; 12 tons, Darien; 7 tons, Hongkong; 22 tons, Moji; 149 tons, Yokohama-Osaka-Kobe; (Vasaholm) 53 cs, Oslo; 120 cs, Gothenburg; 25 cs, Copenhagen; 431 cs, Gdynia; (Boschdijk) 108 tons, London; 13 tons, Leith, transhipment at London; 10 tons, Avonmouth; 1 ton, Calcutta; 2 tons, Karachi; 18 tons, Antwerp; 10 tons, Antwerp-Rotterdam; (Kelkheim) 100 tons, Bremen; 10 tons, Hamburg; (Tortugas) 50 cs, Oslo; 105 cs, Gothenburg; 170 cs, Gdynia; (Dallas City) 4,700 bgs, 460 cs, Kobe; 850 bgs, 290 cs, Osaka; 3,850 bgs, 1,315 cs, Kobe-Osaka; 5 cs, Syros, Hamburg
CARBON BISULPHITE—2 dms, Tillie Lykes, Havana
CLAY—50 tons, Tillie Lykes, Havana
GASOLINE—65,000 bbls, Brandywine, Havana; 8,000 tons, Vav, River Thames-White Booth Roads-Grangemouth; 72,099 bbls, Oilpioneer, Havre; 9,000 tons, Senator, Italy; 6,500 tons, Vitruvia, Havre
STABILIZED — 1,500 tons, Vav, River Thames-White Booth Roads
GREASE, LUBRICATING—20 kgs, 110 ctns, 75 dms, Brandywine, Havana; 15 bbls, Syros, Hamburg
LUBRICANTS—(Tortugas) 321 pkgs, Oslo; 2,174 pkgs, Gothenburg; 98 pkgs, Copenhagen
OIL—113 dms, Tillie Lykes, Puerto Colombia
GAS—9,500 tons, Norvinn, Hamburg
LUBRICATING—250 dms, 20 hf dms, Brandywine, Havana; 200 dms, Dallas City, Osaka; 515 dms, Tillie Lykes, Cristobal; 10 dms, Vasaholm, Copenhagen; 130 bbls, Sheisho, Hongkong
POTASH MURIATE—7,500 bgs, Rio de Janeiro, Yokohama-Kobe-Osaka-Moji
ROSIN GUM—175 dms, Nordnes, Vancouver
SALT—1,250 bgs, Nordnes, Vancouver
TURPENTINE—200 dms, Nordnes, Vancouver

Lake Charles Exports
Clearance Date

Crippie Creek, March 6

OIL, PINE—8 dms, Cripple Creek, Manchester

Los Angeles Exports
Clearance Dates

Athelregent, March 9; Athelstemplar, March 12; Athelviscount, March 14; Bradfyne, March 1; Canada, March 5; Chastine Maersk, March 7; Condor, February 22; Erimo, March 9; Glenmoor, March 1; Heranger, February 27; Hoyanger, February 27; John Knudsen, March 11; Koryu, March 1; Manju, March 14; Margaret Johnson, March 1; Montreal, March 9; Narenta, March 6; Nucula, March 12; Oakland, March 3; Omrosan, March 8; Pacific President, March 6; Pacific Ranger, February 19; Pacific Trader, March 6; Penrith Castle, March 4; President Adams, February 24; Rochelle, March 8; San Francisco, February 22; San Pedro, March 1; Tai Ping Yang, February 17; Tongking, March 5; Vera, March 5; Wairuna, March 5; Zuiyo, March 10

ACID, BORIC — (Heranger) 600 bgs, 67,800 lbs, Havre; 2,400 bgs, 268,800 lbs, Rotterdam; 7 sx, 700 lbs, Rochelle, Vancouver; 100 bgs, 11,200 lbs, President Adams, Hankow; 2,000 bgs, 224,000 lbs, Oakland, Hamburg; (San Pedro) 400 bgs, 45,200 lbs, Nantes; 234 bgs, 29,110 lbs, Rotterdam
NITRIC—40 lbs, Condor, Amapala
ALCOHOL, BUTYL — 1,460 lbs, Tai Ping Yang, Shanghai
ISOPROPYL — 15,000 lbs, Bradfyne, London
AMYL ACETATE — 1,180 lbs, Tai Ping Yang, Shanghai
ASPHALT, LIQ—20 dms, 5,500 lbs, Pacific President, Vancouver
BOILER COMP—6,480 lbs, President Adams, Singapore
BORATE — 850 bgs, 133,550 lbs, Tongking, Copenhagen; (Glenmoor) 63,932 bgs, 10,034,310 lbs, Hamburg; 26,564 bgs, 4,388,650 lbs, Rotterdam; (Oakland) 8,980 bgs, 1,198,090 lbs, Hamburg; 7,370 bgs, 1,213,540 lbs, Bremen; (San Pedro) 2,070 bgs, 341,840 lbs, Rouen; 3,324 bgs, 572,700 lbs, Rotterdam; 1,340 bgs, 219,840 lbs, Antwerp; 5,730 bgs, 916,160 lbs, Dunkirk
BORAX — 1,000 bgs, 112,000 lbs, Pacific Roamer, Manchester; (Heranger) 9,640 bgs, 1,098,690 lbs, Havre; 2,160 bgs, 246,400 lbs, Antwerp; 27,800 bgs, 3,128,600 lbs, Rotterdam; 2,000 bgs, 224,000 lbs, Tai Ping Yang, Shanghai; 2 sx, 200 lbs, Rochelle, Vancouver; (Tongking) 2,460 bgs, 268,800 lbs, London; 600 bgs, 67,200 lbs, Hull; 20,000 bgs, 2,240,000 lbs, Glenmoor, Hamburg; (San Pedro) 600 bgs, 67,200 lbs, Havre; 498 bgs, 55,430 lbs, Rotterdam; 3,330 bgs, 376,980 lbs, Antwerp
GRANULAR — 988 bgs, 110,660 lbs, San Francisco, Antwerp; 500 bgs, 56,000 lbs, Bradfyne, Cardiff
BUTYL ACETATE—2,410 lbs, Tai Ping Yang, Shanghai
CLAY—1,200 bgs, 67,200 lbs, Hoyanger, Buenos Aires; 50 dms, 10,000 lbs, Pacific Ranger, Beirut
GROUND—40 sx, 4,480 lbs, Condor, Callao
COTTON LINTERS — 765 bls, 491,310 lbs, San Pedro, Havre
DYES—1,350 lbs, Tai Ping Yang, Manila
ETHYL ACETATE — 3,970 lbs, Tai Ping Yang, Shanghai
FILM SCRAP — (San Pedro) 2,000 lbs, Havre; 8,090 lbs, Rotterdam-Antwerp
FIRECLAY—20,160 lbs, Tai Ping Yang, Manila
GASOLINE—500 dms, 77,875 bbls, 20,489,320 lbs, Vera, New Zealand; (Condor) 2,000 dms, 658,760 lbs, San Jose; 45 dms, 14,880 lbs, Puntarenas; 120 dms, 39,410 lbs, Managua; 110 dms, 36,280 lbs, Tegucigalpa
GREASE—11 cs, 600 lbs, Condor, Tegucigalpa
INFUSORIAL EARTH — 995 bgs, 100,800 lbs, Pacific Ranger, Liverpool; 2,139 bgs, 215,040 lbs, Hoyanger, Buenos Aires; 220 bgs, 22,400 lbs, Heranger, Havre; 20 bgs, 2,260 lbs, Tai Ping Yang, Manila; 20 bgs, 2,030 lbs, Pacific President, Vancouver; 486 bgs, 44,800 lbs, Pacific Trader, Manchester; (Tongking) 286 bgs, 29,120 lbs, Copenhagen; 551 bgs, 56,000 lbs, Aarhus; 564 bgs, 53,760 lbs, Bradfyne, London
KEROSENE—3,411 bbls, 972,140 lbs, Vera, New Zealand; 50 dms, 17,950 lbs, Condor, Champerico
LACQUER—5,450 lbs, Tai Ping Yang, Manila
MINERAL SPTS—(Hoyanger) 50 dms, 17,320 lbs, Buenos Aires; 20 dms, 6,820 lbs, Montevideo
OIL, DIESEL—73,805 bbls, 23,027,160 lbs, Omrosan, Japan; 10,592 bbls, 3,304,700 lbs, Koryu, Osaka; 26,278 bbls, 8,198,740 lbs, Athelregent, Manila-Cebu; 2,396 bbls, 747,550 lbs, Chastine Maersk, Yokohama; 4,406 bbls, 1,374,670 lbs, Wairuna, Wellington; 5,091 bbls, 1,588,390 lbs, Montreal, Yokohama; 63,700 bbls, 19,874,400 lbs, Athelviscount, Tsurumi-Osaka; (John Knudson) 81,463 bbls, 25,416,460 lbs, Shanghai; 8,588 bbls, 2,679,460 lbs, Hongkong; 20 dms, 8,110 lbs, President Adams, Hongkong
FUEL—55,444 bbls, 18,462,850 lbs, Erimo, Kure; 61,977 bbls, 20,638,340 lbs, Athelregent, Manila-Cebu; (Condor) 8 dms, 3,330 lbs, San Jose; 100 dms, 41,900 lbs, Amapala; 43,197 bbls, 14,384,600 lbs, Nucula, Wellington; 61,213 bbls, 20,383,930 lbs, Zuiyo, Kure; 54,525 bbls, 18,156,830 lbs, Manju, Kure; 26,567 bbls, 8,846,810 lbs, Athelviscount, Tsurumi-Osaka; 84,452 bbls, 28,122,520 lbs, Athelstemplar, Cavite
GAS—8,231 bbls, 1,579,760 lbs, Penrith Castle, Manila
LEMON, DIST—760 lbs, Tongking, London; 1,000 lbs, Bradfyne, London
LUBRICATING—(Condor) 20 cs, 2,000 lbs, San Jose, de Guatemala; 19 dms, 9,310 lbs, San Jose, Cristobal; 10 dms, 4,660 lbs, Narenta, Vancouver
ORANGE, DIST—1,250 lbs, Tongking, London
PAINT, PASTE—1,860 lbs, Tai Ping Yang, Manila
PREPARED—13,400 lbs, Tai Ping Yang, Manila
THINNER—10,650 lbs, Tai Ping Yang, Manila
SILICA, GRD—30,000 lbs, Rochelle, Vancouver
SODA ASH—70 sks, 10,000 lbs, Condor, Managua; 1,250 bgs, 275,570 lbs, Margaret Johnson, Gothenburg
TALC—216 bgs, 27,000 lbs, Condor, La Paz

Mobile Exports
Clearance Dates

Austvangen, March 15; Sea Valour, March 13

EARTH, FULLER'S—96 bgs, Sea Valour, Maracaibo; 18 bgs, Austvangen, Kingston

New Orleans Exports
Clearance Dates

Atlantian, February 27; Baja California, January 15; Burgerdijk, March 8; Cefalu, January 12, 26; City of Joliet, March 2; Contessa, January 2, 19; Duquesne, March 3; Gansfjord, January 18; Havso, February 20; Ida, March 10; Indiana, March 4; Jamaica Merchant, January 14, 28; Jolee, March 8; Jomar, March 10; Lafcomo, March 1; Liberty Bell, March 6; Lysefjord, January 27; Matagalpa, January 7; Metapan, January 11, 21, 29; Morozan, January 7, 21; Oiltrader, March 6; Port Antonio, January 19; Santa Marta, January 22; Simon Von Utrecht, March 9; Sinaloa, January 8, 23; Sixaola, January 25; Sorvangen, February 13; Tanimbar, March 19; Tivives, January 15; Vestvangen, February 27; Wauks, January 5; Wayfarer, February 19; West Gambo, March 6; Westmoreland, February 26; Westralia, March 19; Winston Salem, February 23

ACID, BORIC—50 tons, Westmoreland, London; 81 tons, Wayfarer, London
MURIATIC—1 ton, Gansfjord, Belize
ALUMINA SULPHATE—1 ton, Morazan, Vera Cruz
ASPHALT—120 dms, Contessa, Antofagasta; (Duquesne) 20 tons, Liverpool; 25 tons, Manchester; (Winston Salem) 63 tons, Havre; 23 tons, Antwerp; 4 tons, City of Joliet, Havre; 31 tons, Westmoreland, London; 60 tons, Burgerdijk, London; 10 tons, Liberty Bell, Avonmouth; (Jolee) 5 tons, Glasgow; 5 tons, Dublin
CRUDE—28 tons, Jomar, Antwerp
BAKING POWDER—100 ctns, Sixaola, Tela
BARYTES—1,000 sks, Cefalu, Havana
BLACK, CARBON—(Winston Salem) 32 tons, Havre; 2 tons, Antwerp; (Lafcomo) 2 tons, Hamburg; 5 tons, Bremen-Hamburg; (Wayfarer) 26 tons, Liverpool; 38 tons, Manchester; 1 ton, Duquesne, Manchester; 43 tons, City of Joliet, Havre; (Indiana) 104 tons, Havre; 2 tons, Dunkirk; 3 tons, Antwerp; 57 tons, Westmoreland, London; (Rio de Janeiro) 180 cs, Yokohama; 81 cs, Kobe; (Burgerdijk) 46 tons, London; 9 tons, Antwerp; 1 ton, Rotterdam; 2 tons, Amsterdam; 10 tons, West Gambo, Hull; 14 tons, Jomar, Havre; (Liberty Bell) 21 tons, Liverpool; 26 tons, Avonmouth; (Jolee) 153 tons, Glasgow; 8 tons, Dublin; (Atlantian) 7 tons, Liverpool; 89 tons, Manchester
BONES—291 sks, Rio de Janeiro, Osaka
BORAX, GRANULAR—103 tons, Wayfarer, Liverpool
CALCIMINE—5 bbls, Contessa, Panama
CALCIUM ARSENATE—500 dms, Santa Marta, Callao; (Metapan) 200 dms, Callao; 200 dms, Pisco
CARBIDE—40 dms, Contessa, Puerto Cabezas
PHOSPHATE—8 bbls, Morazan, Tampico
CHARCOAL, ANIMAL—1 ton, Burgerdijk, London
CHEMICALS—1,200 sx, Cefalu, Havana
CLAY—135 tons, Winston Salem, Havre; 200 sx, Contessa, Puerto Colombia; 135 tons, City of Joliet, Havre; 24 dms, Vestvangen, Port of Spain; 27 tons, Duquesne, Liverpool
FILTER—68 tons, Indiana, Havre; 190 sx, Sorvangen, Port of Spain
GROUND—15 tons, City of Joliet, Antwerp; 27 tons, Indiana, Havre; 27 tons, Westmoreland, London; 54 tons, Burgerdijk, London; 10 tons, Liberty Bell, Avonmouth
COTTONSEED MEAL — 12 sx, Gansfjord, Puerto Castilla
PULP—23 tons, Winston Salem, Rotterdam; 46 tons, Duquesne, Manchester; 99 tons, Liberty Bell, Liverpool
DISINFECTANT—4 dms, Metapan, Puerto Barrios
DRESSING, LEATHER—4 tons, Morazan, Vera Cruz
FERTILIZER—45 sx, Cefalu, Colon; 50 sx, Port Antonio, Kingston
FIRECLAY—5 tons, Santa Marta, Corinto; 5 tons, Metapan, Corinto; 12 tons, Tivives, Salaverry; 38 sx, Contessa, Havana; 75 sx, Havso, Maracaibo; 100 sx, Ida, Varna; 8 pkgs, Rio de Janeiro, Yokohama; 31 tons, Morazan, Vera Cruz
GASOLINE—19 tons, Winston Salem, Havre; 190 dms, Sorvangen, Fort de France; 8,000 tons, Oiltrader, Rotterdam; (Wanks) 385 dms, Puerto Cabezas; 700 dms, Ceiba; 150 dms, Vestvangen, Fort de France; 10 dms, Baja California, Bluefields; (Gansfjord) 101 dms, 50 cs, Puerto Castilla; 40 dms, 50 cs, Livinston; 75 cs, 70 dms, Sinaloa, Bluefields; (Lysefjord) 41 cs, Belize; 256 dms, Puerto Barrios
AVIATION—19 tons, City of Joliet, Havre
GRAPEFRUIT JUICE—4 tons, City of Joliet, Rotterdam; (Liberty Bell) 180 tons, Liverpool; 80 tons, Avonmouth
GREASE, LUBRICATING—(Santa Marta) 10 pls, 4 qtr dms, Panama; 34 cs, 15 qtr dms, Corinto; 40 qtr dms, Cartagena; 5 dms, Morazan, Tampico
INFUSORIAL EARTH—10 tons, Burgerdijk, Rotterdam; 70 tons, Indiana, Havre
INK—15 dms, Santa Marta, Havana; (Tivives) 8 dms, Havana; 1 ton, Valparaiso; 5 dms, Contessa, Havana; 8 dms, Cefalu, Havana; 12 dms, Morazan, Tampico

INK, PRINTING—14 dms, 15 kits, Rio de Janeiro, Kobe
INSECTICIDE—113 dms, Ida, Istanbul
KEROSENE—2 dms, 35 cs, Contessa, Puerto Cabezas; 12 dms, 50 cs, Cefalu, Puerto Cabezas; (Sorvangen) 100 cs, Kingston; 300 cs, Fort de France; 200 cs, Bridgetown; (Vestvangen) 50 dms, Fort de France; 600 cs, Paramaribo; 200 cs, Gansfjord, Puerto Castilla; 170 dms, 800 cs, Port Antonio, Kingston; (Sixaola) 50 dms, Puerto Barrios; 700 cs, Tela; (Santa Marta) 250 tins, 5 dms, Havana; 375 cs, Puerto Limon; 400 cs, 5 dms, Sinaloa, Bluefields; 400 cs, 120 dms, Lysefjord, Kingston; (Metapan) 300 cs, Puerto Armuelles; 26 dms, 30 ctns, 75 cs, Puerto Limon; 75 cs, Tivives, Puerto Limon
LARD—25 tins, Gansfjord, Belize; 650 dms, 250 tins, 50 crts, Port Antonio, Santiago; 400 dms, 400 tins, Tivives, Havana; 15 crts, Sinaloa, Bluefields; (Lysefjord) 250 dms, Santiago; 10 tins, Belize; (Metapan) 50 dms, 875 tins, Havana; 6 tcs, 250 tins, Panama; 150 tins, Puerto Armulles; 600 dms, 250 tins, Santa Marta, Havana; (Cefalu) 30 tins, Havana; 18 crts, Puerto Cabezas; 100 tins, Panama
SUBSTITUTE—215 cs, Rio de Janeiro, Yokohama
LICORICE MASS—1 ton, Morazan, Vera Cruz
LIGNIN LIQUOR—11 tons, Jolee, Glasgow
LIME—15 dms, Gansfjord, Belize; 2,400 sx, Port Antonio, Santiago; 60 sx, Contessa, Puerto Cabezas
METHYLENE—28 tons, City of Joliet, Havre
OIL, COTTONSEED—87 dms, Metapan, Cristobal; (Rio de Janeiro) 320 dms, Yokohama; 20 dms, Kobe
SOLID—50 sx, Contessa, Ceiba
FUEL—1,325 bbls, Contessa, Puerto Cabezas; 50 dms, 1,000 bbls, Cefalu, Puerto Cabezas; 300 bbls, Matagalpa, Alvaro Obregon; 30 dms, Baja California, Bluefields; 50 dms, Sixaola, Puerto Barrios; 120 dms, Sinaloa, Bluefields; 25 dms, Lysefjord, Belize; 50 dms, Gansfjord, Livingston
LINSEED—20 dms, Morazan, Tampico
LUBRICATING—14 dms, Contessa, Puerto Cabezas; (Winston Salem) 34 tons, Havre; 14 tons, Antwerp; 43 tons, Rotterdam; 18 tons, Wayfarer, Liverpool; 62 bbls, Ida, Venice; 47 tons, Duquesne, Manchester; (City of Joliet) 104 tons, Havre; 50 tons, Antwerp; (Indiana) 443 tons, Havre; 18 tons, Antwerp; 76 tons, Westmoreland, London; 5 dms, Cefalu, Puerto Cabezas; 4 dms, Wanks, Ceiba; (Rio de Janeiro) 1,020 dms, Yokohama; 300 dms, Osaka; 48 dms, Morazan, Tampico; 13 tons, Burgerdijk, Rotterdam; (Santa Marta) 18 dms, 18 cs, Panama; 17 dms, Corinto; 6 dms, 7 cs, Puerto Colombia; 500 dms, Valparaiso; 25 dms, Sinaloa, Bluefields; (West Gambo) 22 tons, London; 25 tons, Hull; 28 tons, Jomar, Havre; (Liberty Bell) 30 tons, Liverpool; 9 tons, Avonmouth; (Jolee) 78 tons, Glasgow; 14 tons, Belfast; 28 tons, Dublin; 14 tons, Atlantian, Manchester; (Tivives) 15 dms, Havana; 9 dms, Mollendo
PINE—100 dms, Simon von Utrecht, Hamburg; 14 tons, Duquesne, Manchester
REFINED—25 cs, Metapan, Puerto Limon; 50 cs, Tivives, Puerto Limon
TOBACCO — 3 dms, Tivives, Panama
PAINT—(Metapan) 2 tons, Puerto Barrios; 12 dms, Puerto Limon
PARAFFIN—(Burgerdijk) 51 tons, Rotterdam; 32 tons, London; 25 tons, Jomar, Antwerp; 10 tons, Liberty Bell, Liverpool; 184 tons, Wayfarer, Manchester; 1,200 sx, Simon von Utrecht, Hamburg; (Wayfarer) 15 tons, Liverpool; 50 tons, Manchester; 200 sx, Cefalu, Buenaventura; 200 sx, Ida, Trieste; (Winston Salem) 3 tons, Havre; 10 tons, Antwerp; 1,200 sx, Simon von Utrecht, Hamburg; 100 sx, Metapan, Puerto Cortez; (Jolee) 43 tons, Glasgow; 59 tons, Dublin; (Atlantian) 102 tons, Manchester; 8 tons, Liverpool
CRUDE — 54 tons, Burgerdijk, London; 27 tons, City of Joliet, Rotterdam
SCALE — 16 tons, Duquesne, Liverpool
PETROLEUM — 13 tons, Wayfarer, Manchester; 38 tons, Burgerdijk, London
PINETAR—22 dms, Sorvangen, Georgetown; 64 tons, Westmoreland, London; 20 dms, Vestvangen, Georgetown; 8 bbls, Jamaica Merchant, Vera Cruz; 23 tons, Liberty Bell, Liverpool; 22 dms, Tanimbar, Batavia
PITCH—7 tons, Santa Marta, Puerto Colombia
POTASH XANTHATE—10 dms, Santa Marta, Antofagasta
PRESERVER, WOOD — 40 bbls, Metapan, Havana
ROSIN—5 bbls, Port Antonio, Santiago; 120 dms, Santa Marta, Buenaventura; (Tanimbar) 500 dms, Batavia; 110 dms, Padang; 40 dms, Tjilatjap; 700 dms, Sourabaya; 400 dms, Semarang; 50 dms, Belawan Deli; 100 dms, Singapore; 20 dms, Palembang; 150 dms, Cheribon; 115 dms, Macassar; (Metapan) 45 dms, Puerto Limon; 100 sx, 20 dms, Cartagena; 60 dms, Puerto Colombia; 55 dms, Buenaventura; 100 bbls, Valparaiso; (Tivives) 10 dms, San Juan del Sur; 60 dms, Cartagena; 200 sx, Puerto Colombia; 100 bbls, Contessa, Havana; 17 bbls, Ida, Trieste
GUM—280 dms, Cefalu, Valparaiso; (Santa Marta) 8 bbls, Panama City; 20 dms, Puerto Colombia
WOOD—100 dms, Santa Marta, Havana; 50 dms, Metapan, Havana
SALT — 45 tons, Gansfjord, Belize; 65 tons, Santa Marta, Havana; 1 ton, Sinaloa, Bluefields; 1 ton, Lysefjord, Banes; (Metapan) 1 ton, Puerto Barrios; 40 tons, Havana; 50 tons, Cristobal; (Tivives) 25 tons, Havana; 1 ton, Puerto Limon; 30 tons, Contessa, Havana; 30 tons, Cefalu, Havana
SCOURING COMP—1 ton, Cefalu, Cristobal; 23 bdls, Vestvangen, Port of Spain
SHRIMP BRAN—100 sx, Santa Marta, Panama; 100 sx, Metapan, Panama; 40 sx, Tivives, Cristobal
SOAP—8 tons, Cefalu, Puerto Cabezas
SODA ASH—25 bbls, Cefalu, Colon
CAUSTIC—100 dms, Contessa, Havana; 1 ton, Gansfjord, Belize
NITRATE—10 sx, Santa Marta, Cristobal; 10 sx, Tivives, Cristobal
SILICATE—200 sx, Contessa, Ceiba
SULPHATE—24 bbls, Morazan, Tampico
STARCH—100 sx, Contessa, Havana; 14 tons, Liberty Bell, Avonmouth
STEARIN — 100 sx, Tivives, Havana
SULPHUR—71 tons, Jolee, Glasgow; 4,000 tons, Duquesne, Manchester; 55 tons, Morazan, Vera Cruz
CRUDE—1,100 tons, Westralia, Newcastle
SUPERPHOSPHATE—10 tons, Jamaica Merchant, Vera Cruz
TALLOW—5 dms, Cefalu, Ceiba
TRIPOLI—3 tons, Winston Salem, Rotterdam
TURPENTINE—5 dms, Tanimbar, Singapore; 1 bbl, 5 cs, Lysefjord, Belize; 55 dms, 60 cs, Metapan, Havana; 100 cs, Tivives, Valparaiso; 9 tons, Winston Salem, Havre; (Cefalu) 5 dms, Havana; 30 cs, Mollendo; 5 dms, Salaverry
VARNISH—4 dms, Morazan, Vera Cruz
WAHOO BARK ROOT—1 ton, Westmoreland, London

Norfolk Exports
Clearance Dates

City of Norfolk, March 12; Lehigh, March 9; Lionel, March 7; Montreal City, March 17; Muncaster Castle, March 17; Spero, March 6

ALCOHOL—1 dm, City of Norfolk, London
BLACK HAW TREE BARK—5 bls, 2,079 lbs, City of Norfolk, Hamburg
CHEMICALS—20 dms, 91,739 lbs, City of Norfolk, London
CLAY—1,523 bgs, 76,912 lbs, Lehigh, Manchester
CORN SYRUP—60 bbls, Muncaster Castle, Manila
DICHLORETHYL ETHER — 1 dm, City of Norfolk, London
DIETHYL SULPHATE—3 dms, City of Norfolk, London
DIETHYLENEGLYCOL—8 dms, City of Norfolk, London
DRUGS—(Lehigh) 8 pkgs, 2 bls, 1,726 lbs, Manchester; 4 bls, 1,141 lbs, Liverpool
ETHYLENE DICHLORIDE—6 dms, City of Norfolk, London
ETHYLENEGLYCOL—40 cbys, 199 dms, City of Norfolk, London
MONOBUTYLETHER—30 dms, 13,500 lbs, City of Norfolk, London
MONOETHYLETHER ACETATE — 40 dms, City of Norfolk, London
MONOMETHYLETHER — 45 dms, City of Norfolk, London
ISOPROPYL ACETATE—90 dms, City of Norfolk, London
LOBELIA HERBS—14 bls, 2,216 lbs, City of Norfolk, Hamburg
MEDICINAL PREPS—40 pkgs, City of Norfolk, London
MICA, PULV — (City of Norfolk) 100 bgs, 10,100 lbs, Hamburg; 70 bgs, 7,070 lbs, London
MONOETHANOLAMINE—4 dms, City of Norfolk, Hamburg
OCHER—600 bgs, 67,800 lbs, City of Norfolk-Havre
POTASH, MURIATE—700 bgs, 156,800 lbs, Lionel, Bridgetown
SULPHATE—22 bgs, 4,400 lbs, Lionel, St. Georges
PROPYLENE DICHLORIDE—1 dm, City of Norfolk, London
OXIDE—2 dms, City of Norfolk, London
PROPYLENEGLYCOL—2 dms, City of Norfolk, London
SASSAFRAS BARK—4 bgs, City of Norfolk, London
SILICA, GRD—215 bgs, 48,245 lbs, Lehigh, Manchester
SOLVENT—20 dms, City of Norfolk, London
STARCH—479 bgs, Muncaster Castle, Manila
TANNING EXTRACT—(City of Norfolk) 75 bgs, 112,500 lbs, Hamburg; 40 bbls, 23,428 lbs, London; 610 bbls, 405,955 lbs, Lehigh, Liverpool; 400 bbls, 238,923 lbs, Montreal City, Bristol
WAHOO ROOT—2 bgs, City of Norfolk, London
WITCH HAZEL LEAVES—76 bls, 15,298 lbs, City of Norfolk, Havre

Philadelphia Exports
Clearance Dates

Angol, March 19; Artigas, March 15; Ayuruoca, March 17; Barbarigo, March 15; City of Canberra, March 13; City of Dundee, March 13; Cliffwood, March 16; Collamer, March 14; Manchester Producer, March 17; Rydboholm, March 13; Silveryew, March 13; Taian, March 15; Vaclite, March 17; Waukegan, March 17

ALUMINA HYDRATE—20 bbls, Waukegan, Dublin
ASPHALT, PETROLEUM—8 dms, City of Canberra, Sydney
BLACK, BONE—10 bgs, City of Dundee, East London; 42 bgs, City of Canberra, Sydney; (Rydboholm) 28 bgs, Gothenburg; 42 bgs, Stockholm
CASSAVA FLOUR—54 bgs, Waukegan, Glasgow
CEMENT, BELT—1 cs, Manchester Producer, Manchester
GASKET—(City of Dundee) 15 crtns, Johannesburg; 6 crtns, East London; 44 crtns, City of Wellington, Manila
CHEMICALS—1 bx, Collamer, Havre
COALTAR INTERMEDIATES—9 dms, Manchester Producer, Manchester
COLOR, PIGMENT — 15 bbls, Waukegan, Dublin
COTTON LINTERS—24 bls, Artigas, London
DYEWOOD EXTRACT, LIQ—5 bbls, Manchester Producer, Manchester
ETHYL FLUID—20 dms, Collamer, Havre
GASOLINE—(Ayuruoca) 800 cs, Victoria; 8,500 cs, Rio Grande do Sul; 3,000 cs, Sao Francisco do Sul
GLUE—15 bxs, Rydboholm, Eskilstuna; 50 bgs, Manchester Producer, Manchester
GREASE, LUBRICATING—5 bbls, 30 bgs, Collamer, Havre; 19 dms, 20 pls, City of Dundee, East London; (City of Canberra) 11 dms, Sydney; 45 pls, Melbourne; 3 crtns, 3 pls, 1 dm, City of Wellington, Manila; 3 dms, Silveryew, Manila; (Rydboholm) 1 bbl, Gothenburg; 2 dms, Stockholm; (Taian) 25 bbls, Yokohama; 85 bbls, 105 dms, Osaka; 75 bbls, Kobe; 25 cs, Angol, Guayaquil; (Manchester Producer) 1 dm, 3 pls, 3 cs, Manchester; 2 bbls, Liverpool; (Ayuruoca) 50 bckts, 10 bbls, Rio de Janeiro; 8 bbls, 10 bckts, Santos; 20 bckts, Rio Grande do Sul
KEROSENE — 1,250 cs, City of Dundee, Majunga; (Ayuruoca) 4,000 cs, Victoria; 3,000 cs, Sao Francisco do Sul; 5,500 cs, Rio Grande do Sul
LICORICE MASS—16 cs, City of Dundee, Lourenco Marques; 230 cs, Artigas, Hull; (Cliffwood) 5 cs, Gothenburg; 100 cs, Copenhagen; 28 cs, Helsingfors; 70 cs, Manchester Producer, Manchester
LINSEED CAKE—3,143 bgs, Artigas, Hamburg; 3,783 bgs, Waukegan, Liverpool
MANGANESE ORE—240 bgs, City of Wellington, Shanghai
OIL, BURNING—40 dms, Ayuruoca, Santos
ILLUMINATING—438 bbls, Vaclite, Birkenhead-or London
LUBRICATING—(Collamer) 629 bbls, Havre; 88 bbls, Dunkirk; (City of Dundee) 63 dms, 24 ctns, 695 pkgs, East London; 902 pkgs, Mombasa; 1,405 pkgs, Port Elizabeth; 6,765 pkgs, Lourence Marques; 1,380 pkgs, Beira; 248 pkgs, Majunga; (City of Canberra) 280 dms, 1 crate, 1,677 pkgs, Sydney; 145 dms, 33 bbls, 230 pkgs, Melbourne; 20 pkgs, Hobart; 10 bbls, 1 cs, 285 pkgs, Adelaide; 15 pkgs, Townsville; 2 pkgs, Rockhampton; 10 pkgs, Cairns; 140 pkgs, Brisbane; 35 pkgs, Newcastle; 5 pkgs, Geelong; (City of Wellington) 50 dms, 1 cs, 4 ctns, 1,770 pkgs, Manila; 5 pkgs, Hongkong; 80 dms, 1,175 pkgs, Shanghai; 638 pkgs, Cebu; 410 pkgs, Illoilo; (Silveryew) 450 pkgs, Cebu; 324 pkgs, Iloilo; 360 dms, 65 dms, Manila; 10 pkgs, Shanghai; (Rydboholm) 824 pkgs, Gothenburg; 409 pkgs, Malmo; 50 bbls, 84 dms, 1,752 pkgs, Stockholm; 211 pkgs, Norrkoping; 81 pkgs, Helsingborg; 123 pkgs, Sundsvall; 481 pkgs, Helsinki; 2,300 cs, 55 dms, 55 bbls, Taian, Osaka; 95 OIL, LUBRICATING (Continued):—
bbls, Artigas, Hull; 12 dms, Cliffwood, Helsingfors; (Barbarigo) 3,215 pkgs, 1,075 bbls, 1 cs, Genoa; 100 pkgs, 330 dms, Naples; 60 dms, Angol, Guayaquil; (Vaclite) 7,996 bbls, Bremen; 21,711 bbls, Birkenhead &/or London; (Waukegan) 756 bbls, Manchester; 65 bbls, Glasgow; (Ayuruoca) 50 dms, 160 ctns, 470 cs, Rio de Janeiro; 3 buckets, Victoria; 292 dms, 182 cs, 30 ctns, 5 bbls, Santos; 25 dms, 50 cs, 10 buckets, Rio Grande do Sul
MOTOR—300 cs, Ayuruoca, Santos
NEATSFOOT—18 bbls, Collamer, Havre; 6 bbls, Barbarigo, Italy
PAINT—9 ctns, City of Dundee, East London; 63 ctns, City of Wellington, Manila; 1 dm, Silveryew, Manila
ASPHALT—1 dm, Manchester Producer, Liverpool
PARAFFIN—16 bbls, 40 bgs, Rydboholm, Malmo; (Barbarigo) 42 bbls, San Giovanni de Medua; 10 bbls, Santi Quarenti; 50 bgs, Angol, Guayaquil; 114,300 lbs, Vaclite, Birkenhead &/or London; (Waukegan) 126 bbls, Belfast; 218 bbls, Glasgow; 84 bbls, Dublin; (Ayuruoca) 50 bbls, Rio de Janeiro; 83 bbls, Porto Alegre
SEMI-REFINED—(Angol) 455 bgs, Guayaquil; 200 bgs, Callao
PASTE—100 ctns, City of Wellington, Manila
POLISH, AUTO—(City of Dundee) 137 ctns, Johannesburg; 31 ctns, East London; 12 ctns, City of Wellington, Manila
METAL—11 ctns, City of Wellington, Manila
RADIATOR FLUSH—12 ctns, City of Dundee, East London
RESIN, COALTAR—3 dms, City of Canberra, Sydney
RUBBING COMP—12 ctns, City of Dundee, East London
SAND, FILTER—800 bgs, Barbarigo, Genoa
SOAP, HAND—12 ctns, City of Dundee, Johannesburg; 4 ctns, City of Wellington, Manila
SODA ASH—2 dms, City of Canberra, Sydney; 1 bx, Rydboholm, Stockholm
CAUSTIC—770 dms, Ayuruoca, Santos
CYANIDE—34 dms, Rydboholm, Stockholm; 6 dms, Cliffwood, Helsingfors
TANNING EXTRACT, DRY—(City of Canberra) 10 bbls, Sydney; 9 bbls, Melbourne; 6 bbls, Brisbane
LIQUID—10 bbls, Manchester Producer, Manchester
VARNISH—1 dm, Manchester Producer, Liverpool

Port Arthur Exports
Clearance Dates

Alabama, March 8; Allister, March 1; Brasil, March 3; Clearwater, March 8; Genevieve Lykes, March 10; Meline, March 3; Nevada, March 10; Potter, March 3; South America, March 13; Silvercedar, March 3; Steel Ranger, March 9

ASPHALT—(Allister) 2 cs, Haiti; 1 dm, 3 bxs, 1 bbl, Kingston; (Clearwater) 5 cs, Bahia; 155 dms, 20 cs, Rio Grande Do Sul; (Harvester) 200 dms, 4 bxs, Rio de Janeiro; 300 dms, 16 bxs, Montevideo; 565 dms, South America, Antwerp
LIQUID—1 dm, Tillie Lykes, Puerto Colombia
PETROLEUM—(Steel Ranger) 1,050 dms, Karachi; 1 bx, 1,198 dms, Madras; 50 dms, Calcutta; 550 dms, Silvercedar, Calcutta
CLEANING SOLVENT—200 dms, Harvester, Rio de Janeiro
GASOLINE—(Clearwater) 9,100 cs, Bahia; 4,000 cs, Paranagua; 4,500 cs, San Francisco; 100 cs, Rio Grande do Sul; 5,000 cs, Montevideo; 50 dms, Buenos Aires; (Steel Ranger) 3,090 cs, Aden; (Harvester) 1,000 cs, 10,891 bbls, Rio de Janeiro; 19,976 bbls, 200 cs, Montevideo; 12,011 bbls, Porto Alegre; 59,988 bbls, South America, Antwerp; (Allister) 50 cs, St Marc; 5 cs, 500 bbls, Haiti; 50 cs, Aux Cayes; 500 bbls, 2,500 dms, Puerto Limon; (Brazil) 38,949 bbls, Liverpool; 44,088 bbls, Thameshaven
GREASE, LUBRICATING—(Allister) 5 cs, Aux Cayes; 81 dms, 215 cs, Kingston; 60 dms, Silvercedar, Calcutta; (Clearwater) 1 cs, 6 dms, Bahia; 17 dms, 55 bbls, 23 cs, Rio Grande do Sul; 4 kgs, 340 cs, San Francisco; 110 dms, 5 bbls, 70 cs, Montevideo; 6 bbls, 4 dms, Buenos Aires; (Steel Ranger) 4 cs, Berbera; 130 dms, 20 cs, Karachi; 120 dms, Bombay; 270 dms, 362 cs, Madras; 125 dms, 5 cs, Calcutta; (Genevieve Lykes) 10 dms, Guayanilla; 5 dms, San Juan; 2 dms, Tillie Lykes, Puerto Colombia; 15 bbls, 10 cs, Harvester, Rio de Janeiro; 83 bbls, 215 dms, 30 cs, South America, Antwerp
KEROSENE—(Clearwater) 15,300 cs, Bahia; 3,500 cs, Paranagua; 3,000 cs, San Francisco; 3,000 cs, Rio Grande do Sul; 2,000 cs, Montevideo; 2,000 cs, Steel Ranger, Aden; (Harvester) 25 dms, 307 cs, Rio de Janeiro; 8,017 bbls, Montevideo; 4,045 bbls, Porto Alegre; 10 dms, South America, Antwerp; (Allister) 500 cs, St Marc; 50 bbls, 150 cs, Petit Goave; 150 bbls, Aux Cayes; 1,755 bbls, 6,125 cs, Kingston; 500 cs, 5 bbls, Black River; 100 bbls, Morant Bay; (Brasil) 3,768 bbls, Liverpool; 3,872 bbls, Thameshaven
NAPHTHA—20 cs, Clearwater, Paranagua
OIL, DIESEL—250 dms, Clearwater, Bahia; 4,037 bbls, Harvester, Rio de Janeiro; (Allister) 75 dms, Haiti; 30 dms, Petit Goave; 3,798 bbls, Brasil, Liverpool
FUEL—23,716 bbls, Alabama, Guantanamo; 25,506 bbls, Nevada, Antwerp
GAS—23,284 bbls, Nevada, Antwerp; 6,728 bbls, South America, Antwerp
LUBRICATING — (Clearwater) 293 dms, Bahia; 165 cs, 122 dms, Paranagua; 80 dms, 140 cs, San Francisco; 85 dms, 120 cs, Rio Grande do Sul; 40 dms, 435 cs, Montevideo; 161 bbls, 382 dms, 45 cs, Buenos Aires; (Steel Ranger) 3 cs, Berbera; 1,295 dms, 180 cs, Karachi; 1,235 dms, 30 cs, Bombay; 1,812 dms, 192 cs, Madras; 886 dms, 5 cs, Calcutta; 12,771 bbls, Nevada, Antwerp; (Genevieve Lykes) 29 dms, Guayanilla; 40 dms, San Juan; (Tillie Lykes) 5 dms, Cristobal; 16 dms, Puerto Colombia; 30 dms, Buenaventura; (Harvester) 4,951 bbls, 520 dms, 110 cs, Rio de Janeiro; 90 bbls, 280 dms, Antwerp; (Allister) 65 dms, 16 cs, Haiti; 3 dms, Aux Cayes; 470 cs, 249 dms, Kingston
PALE—5,979 bbls, 700 dms, Silvercedar, Calcutta
SIGNAL—156 cs, Clearwater, Buenos Aires
PAINT SOLVENT—20 cs, 20 dms, Clearwater, Montevideo; 40 dms, Steel Ranger, Bombay; 5 bbls, 10 cs, Allister, Kingston
PARAFFIN—45 cs, Clearwater, Bahia; 1,040 bgs, Nevada, Antwerp; 100 bgs, South America, Antwerp; (Allister) 51 bgs, Haiti; 5 cs, Kingston
PETROLATUM—10 dms, 10 kgs, 8 cs, Clearwater, Paranagua
PETROLEUM — 100 dms, Clearwater, Rio Grande do Sul
CRUDE—109,985 bbls, Petter, Havre; 76,779 bbls, Meline, Bordeaux
POLISH, AUTO—3 dms, Harvester, Rio de Janeiro
WAX, DRESSING—10 cs, Allister, Kingston

San Francisco Exports
Clearance Dates

Admiral Laws, February 23; Antigua, February 26; Atago, February 26; Beranger, March 3; Chichibu, March 3; Fijian, March 2; Foylebank, February 25; Hidalgo, March 2; Hoyanger, February 23; Manoeran, February 25; Margaret Johnson, February 27; New Zealand, March 3; Oakland, March 1; Oilreliance, March 3; President Adams, March 1; President Jackson, March 2; Rialto, February 27; Sandar, February 25; Sepia, February 27; Silverguava, March 1; Tongking, March 3; Valparaiso, March 1

ABRASIVE PAPER—1 cs, Hidalgo, Guaymas
ACETONE—64 dms, Hoyanger, Argentina; 6 dms, Foylebank, Philippine Islands
ACID, BORIC—15 kegs, 2 bbls, Foylebank, Philippine Islands; 60 sks, President Adams, Tientsin; 1 keg, Hidalgo, La Paz
MURIATIC—1 cs, Foylebank, Philippine Islands; 1 cs, Fijian, Lae
NITRIC—4 cs, Foylebank, Philippine Islands
SULPHURIC—1 cs, President Adams, Bahrein
TARTARIC—10 kegs, President Adams, Bahrein
ALCOHOL, BUTYL—1 cs, Hoyanger, Uruguay
RECTIFIED—8 dms, President Adams, Manila
ALKALI, TANNERS—200 bbls, Hidalgo, La Paz
ALUM, LUMP—1 dm, Hidalgo, La Paz
POWDERED—1 dm, Hidalgo, La Paz
ALUMINA SULPHATE—20 sks, Hidalgo, Topolobampo; 2,000 sks, Admiral Laws, Ocean Falls
AMMONIA ANHYDR—20 cyls, Hidalgo, Guaymas; 30 cyls, President Adams, Singapore
SULPHATE—15 sks, Hidalgo, Toplobampo
APRICOT KERNELS (Margaret Johnson)—50 sks, Stockholm; 5 sks, Helsingborg; 20 sks, Malmo; 200 sks, Copenhagen; 125 sks, Oakland, Hamburg; 140 sks, Beranger, Holland; 150 sks, Tongking, Copenhagen
ASPHALT (Hoyanger)—13 ums, Uruguay; 100 dms, Argentina; (President Adams) 42 bbls, Bahrein; 1,861 dms, Singapore; 4,364 dms, Silverguava, India; 1,551 dms, President Jackson, Shanghai; 26 dms, New Zealand, Brisbane
EMULSION—383 dms, Antigua, Cristobal
GRITS—11 sks, Margaret Johnson, Copenhagen; Tongking) 103 sks, Copenhagen; 210 sks, London
BENTONITE—100 sks, President Adams, Kobe
BITUMEN, MINERAL—118 bbls, Margaret Johnson, London
BLUE, LAUNDRY—40 cs, Foylebank, Philippine Islands; 10 cs, President Adams, Manila
BORAX—10 sks, 40 cs, Foylebank, Philippine Islands; 2 kegs, Hidalgo, La Paz
CALCIMINE—33 cs, Fijian, Noumea
CALCIUM CARBIDE—40 dms, Fijian, Noumea
CARBON BISULPHIDE—10 dms, Foylebank, Philippine Islands; 30 dms, Hidalgo, Yavaros; 11 dms, Hidalgo, Guaymas
CEMENT, ASBESTOS — 100 sks, Foylebank, Philippine Islands
INSULATING—40 sks, President Adams, Bahrein
MAGNESIA—300 sks, Foylebank, Philippine Islands
CHARCOAL, ANIMAL—400 sks, Hidalgo, Topolobampo
CHEMICALS — 1 cs, President Adams, Bahrein; 1 cs, Foylebank, Philippine Islands; 4 cs, Valparaiso, Vancouver; 20 kgs, Hidalgo, Manzanillo
CHLORINE BLEACH, LIQ—10 cs, Foylebank, Philippine Islands
CHLORINE, LIQ—(Foylebank) 35 cyls, Philippine Islands; 200 cyls, China
CINNAMON—9 bls, Oakland, Guayaquil; (Hidalgo) 5 bls, La Paz; 20 cs, Guayamas
CLAY, BURNED—2,811 sks, President Adams, Bahrein
CLEANER—3 cs, Antigua, Colon
GLASS—1 cs, Antigua, Colon
CLEANSER — 200 cs, Foylebank, Philippine Islands
CLOVES—1 sk, Oakland, Guayaquil, 1 bl, Hidalgo, Guayamas
COALTAR—6 dms, Hidalgo, La Paz
COPRA—877 sks, Rialto, Turkey; 96 tons, Hidalgo, Manzanillo
DENTIFRICE—20 cs, President Adams, Singapore
DRESSING, SHOE—2 cs, Foylebank, Philippine Islands; 10 cs, President Adams, Kobe
DRUGS—3 cs, Foylebank, Philippine Islands; (President Adams) 1 cs, Hongkong; 10 cs, Manila; 47 cs, Bombay; 22 cs, Rizal
EMERY—54 kgs, President Adams, Harbin
EPSOM SALT—200 sks, Hidalgo, La Paz
ETHER—1 cs, Foylebank, Philippine Islands
FILLER, WOOD—1 cs, Hidalgo, Guayamas
FIRECLAY—700 sks, Rialto, Canada
EXTINGUISHER LIQ—1 dm, President Adams, Bahrein; (Hidalgo) 3 cs, Mexico; 7 cs, Topolobampo; 3 cs, Guayamas
FLUX, LIQ—1 dm, Hidalgo, Topolobampo
GASOLINE—(Fijian) 1,590 dms, Lae; 1,200 dms, Rockampton; 1,575 dms, 7,200 cs, Noumea; 1,100 cs, Port Moresby; 1,200 cs, Samarai; 100 dms, 3,500 cs, Vila; 1,450 cs, Santo; 88,975 bbls, New Zealand, Brisbane; 70,053 bbls, Oilreliance, Curacao
GLASS, BROKEN—98,000 lbs, President Adams, Hongkong
WINDOW—9cs, Fijian, Lae
GREASE, LUBRIC—(Atago) 35 dms, Yokohama; 5 dms, Kobe; (Sepia) 15 dms, Moji; 68 dms, Yokohama; 10 dms, Kobe; (President Adams) 75 dms, Shanghai; 41 dms, 4 pls, Singapore; 5 pls, 1 dm, 15 cs, Colombo; (Fijian) 20 cs, 55 dms, Samarai; 60 bbls, Lae; 25 dms, 25 cs, Noumea; (Hidalgo) 75 dms, 163 pls, 74 cs, 17 qtr dms, 13 hlf dms, Manzanillo; 7 cs, 85 dms, 137 pls, 25 qtr dms, Acapulco; 13 cs, Topolobampo; 1 dm, 176 pls, 1 hlf dm, 10 qtr dms, Guaymas
GUM DAMAR—50 cs, Hoyanger, Argentina
HERBS—1 cs, Antigua, Panama
INFUSORIAL EARTH—15 sks, Antigua, Colon
INK—3 cs, President Adams, Bangkok
WRITING—1 cs, Hidalgo, La Paz
INSECTICIDE, LIQ—30 cs, Antigua, Colon; (President Adams) 25 cs, Bahrein; 22 cs, Hongkong; 19 cs, Fijian, Noumea; 1 cs, Hidalgo, Manzanillo
IRON POWDER—200 sks, Fijian, Lae
KEROSENE—50 cs, Antigua, Colon; 10,466 bbls, New Zealand, Brisbane
LACQUER—47 cs, Hoyanger, Argentina; 5 cs, Hidalgo, Hermosillo
THINNER—80 dms, President Adams, Calcutta; 1 dm, Hidalgo, Guaymas; 1 dm, Hidalgo, Hermosillo
LEAD, RED—A quantity, Foylebank, Philippine Islands
LIME, HYDRATED—17 sks, Presiden Adams, Bahrein
LIMESTONE—10 sks, Antigua, Puerto Armuelles
LITHOPONE—60 sks, President Adams, Hongkong
LITHARGE, DRY—16 dms, Foylebank, Philippine Islands; 1 cs, President Adams, Bahrein; 4 dms, Hidalgo, Hermosillo
LOGWOOD EXTRACT—30 kegs, President Adams, Osaka
LYE—(Hidalgo) 6 cs, La Paz; 25 cs, Guaymas
MICA WASTE—440 sks, Manoeran, Vancouver
MILK, POWDER—2 bbls, President Adams, Hongkong
SUGAR—168 bbls, President Adams, Kobe

MINERAL, PRIMER—200 sks, Foylebank, Philippine Islands
SPIRITS—10 dms, Foylebank, Philippine Islands
OCHER—185 bbls, President Jackson, Kobe
OIL, CHINAWOOD—A quantity, Hoyanger, Argentina
CYLINDER—2 dms, President Adams, Singapore
DIESEL—3,335 bbls, Foylebank, China; 44,433 bbls, Sepia, Kobe; (Fijian), 1,865 bbls, Noumea; 40 bbls, Samarai; 1,138 bbls, Vila; 100 dms, Santo
FISH—2 dms, Hidalgo, Manzanillo
1 dms, Hidalgo, Topolobampo
GAS—79,642 bbls, Sandar, Curacao
INSULATING—1 cs, Fijian, Lae
LINSEED—15 cs, President Adams, Bahrein; 1 dms, Hidalgo, La Paz
LUBRICATING—(Atago) 155 dms, Moji; 155 dms, 70 cs, Takao; 705 dms, Yokohama; 60 dms, Kobe; 11,404 bbls, Foylebank, China; (Antigua) 34 dms, 29 cs, 20 pls, Colon; 10 dms, Port au Prince; 20 dms, Kingston; (Sepia) 15,662 bbls, Yokohama; 252 bbls, Kobe; (President Adams) 25 dms, Bahrein; 806 dms, Shanghai; 224 dms, 4 cs, Singapore; 121 dms, 1 cs, Hongkong; 81 dms, Colombo; 100 dms, Kobe; 20 dms, 400 cs, Osaka; 15 dms, Madras; 398 dms, Bombay; 25 dms, 325 cs, Silverguava, India; (Fijian) 258 dms, 436 cs, Samarai; 68 dms, 149 cs, Noumea; 291 cs, Santo; (Hidalgo) 981 dms, 145 qtr dms, 401 cs, 184 pls, Manzanillo; 567 dms, 50 qtr dms, 293 cs, 80 pls, Topolobampo; 10 dms, La Paz; 295 dms, 63 qtr dms, 285 cs, 60 pls, Guayamas; 400 dms, Chichibu, Kobe/Osaka; (New Zealand) 815 dms, Sydney; 285 dms, Brisbane; 700 dms, Melbourne
MACHINE—1 cs, Antigua, Colon
PAINT—26 pls, 19 cs, 14 kgs, Hoyanger, Argentina; 2 kgs, 8 pls, President Adams, Bahrein; 2 dms, Fijian, Lae; (Hidalgo) 1 cs, Mexico; 2 cs, Acapulco 15 cs, Hermosillo
AUTO—3 cs, President Adams, Calcutta
COLD-WATER—91 cs, Fijian, Noumea
ENAMEL—18 cs, Hoyanger, Argentina; (Hidalgo) 11 cs, Guayamas; 10 cs, Hermosillo
PASTE—8 cs, Hoyange, Argentina; 1 cs, President Adams, Bahrein; (Hidalgo) 5 cs, La Paz; 3 cs, Guaymas
PREPARED—31 cs, Hoyanger, Argentina; 46 dms, Antigua, San Antonio; 2 cs, Hidalgo, La Paz
REMOVER—1 cs, Hidalgo, Guaymas
PARRAFIN—640 sks, Manoeran, Vancouver
PEPPER, BLACK—23 sks, Oakland, Guayaquil
PETROLATUM—5 cs, Antigua, Colon
PETROLEUM—(President Adams) 650 dms, Kobe; 60 dms, Bombay; 100 dms, Colombo; 200 cs, 1,800 dms, Silverguava, India; 50 bbls, Chichibu, Yokohama
REFINED—(Fijian 7,550 cs, Noumea; 585 cs, Port Moresby; 1,120 cs, Samarai; 1,550 cs, Vila; 350 cs, Santo
PRODUCTS—40 cs, President Adams, Bahrein; 6 cs, Hidalgo, Manzanillo
PINETAR—1 dm, Hidalgo, La Paz
POLISH, FURNITURE—2 cs, Foylebank, Philippine Islands
METAL—1 cs, Foylebank, Philippine Islands; 3 cs, Antigua, Colon; 2 cs, Silverguava, India; 5 cs, Hildalgo, La Paz
SHOE—5 cs, President Adams, Hongkong
POTASH AMYL XANTHATE—9 dms, Tongking, Copenhagen
ETHYL XANTHATE—22 dms, Antigua, Valparaiso; 10 dms, Antigua, Tocopilla; 70 dms, Margaret Johnson, Stockholm; 27 dms, Tongking, Copenhagen
PERMANGANATE—1 dm, Hidalgo, Topolobampo
XANTHATE—4 dms, Tongking, Copenhagen
PUTTY—3 kgs, Fijian, Lae
SHELLAC—1 cs, Hidalgo, La Paz
SILICA SAND—10 sks, Foylebank, Philippine Islands
SILVER NITRATE—1 cs, Foylebank, Philippine Islands
SOAP—15 cs, Antigua, Panama
2 cs, Hidalgo, Guaymas
GRANULATED—3 cs, President Adams, Bahrein
PUMICE—5 cs, President Adams, Bahrein
SOLUTION—2 cs, President Adams, Bahrein
TOILET—2 cs, President Adams, Singapore
SODA (President Adams)—25 cs, Hongkong; 5 cs, Harbin; 2 bbls, Shanghai
ASH—10 bbls, Foylebank, Philippine Islands; 13 sks, Hidalgo, Topolobampo
CAUSTIC (Hidalgo)—30 cs, Acapulco; 90 dms, Topolobampo
SILICATE—800 sks, Admiral Laws, Ocean Falls
SOLVENT—1 pkg, Hoyanger, Argentina
PETROLEUM—1 cs, Antigua, Colon
STAIN, WOOD—2 kegs, Hidalgo, Mexico
SULPHUR—10 cs, Antigua, Panama
20 bbls, President Adams, Singapore
LUMP—1,467 sks, Hidalgo, Topolobampo
TALC—23 sks, President Adams, Hongkong
TANBARK—1,664 sks, President Jackson, Osaka
TANNIN—1 cs, Oakland, Bremen
TAPIOCA, PEARL—165 sks, Manoeran, Vancouver
TITANIUM PROD—2 bbls, President Adams, Hongkong
TOILET PREPS—1 cs, President Adams, Lahora; 1 cs, Hongkong; 3 cs, Valparaiso, Vancouver; President Jackson) 3 cs, Manila; 11 cs, Yunnanfu; 750 cs, Shanghai
VARNISH—18 cs, Hoyanger, Argentina; Hidalgo) 1 cs, Acapulco; 5 cs, La Paz; 1 cs, Guaymas
AIRPLANE—1 cs, Hidalgo, Topolobampo
WASHING POWDER—3 cs, President Adams, Bahrein
WAX, LIQ—1 cs, Foylebank, Philippine Islands
ZINC DUST—180 dms, Foylebank, Philippine Islands; 35 cs, Antigua, Ciudad Bolivar; 60 cs, President Adams, Chinnampo; 1 bbl, Hidalgo, La Paz
OXIDE—10 bbls, Foylebank, Philippine Islands
REFUSE—182 dms, President Adams, Osaka

Savannah Exports

Clearance Dates

Jean Weems, March 11; Korsholm, March 13; Pentridge Hall, March 13; Peter Maersk, March 15; Port Campbell, March 16; Silverbeech, March 11

CLAY—(Pentridge Hall) 11,200 bgs, London; 600 bgs, Hamburg; 22 bgs, Port Campbell, Sydney
COTTON LINTERS—313 bdls, Pentridge Hall, Hamburg
FULLER'S EARTH — 1,036 bgs, Korsholm, Gdynia
OIL, CORDAGE—18 dms, Peter Maersk, Kobe
PINE—(Peter Maersk) 20 dms, Yokohama; 15 dms, Kobe; 20 dms, Osaka; 5 dms, Keelung; (Port Campbell) 1 dm, Sydney; 13 dms, Melbourne
ROSIN, GUM—(Korsholm) 250 bbls, Wiborg; 341 bbls, Oslo; 25 bbls, Bergen; 1,706 bbls, Gothenburg; 50 bbls, Okharshamn; 225 bbls, Copeland; 55 bbls, Helsingfors; 27 bbls, Gdynia; 15 bbls, Silverbeech, East London; (Peter Maersk) 10,000 bbls, Yokohama; 200 bbls, Kobe; 283 bbls, Osaka; (Port Campbell) 283 bbls, Brisbane; 100 dms, 673 bbls, Sydney; 320 bbls, Melbourne; 10 bbls, Fremantel; 75 bbls, Adelaide; (Pentridge Hall) 70 bbls, Hamburg; 225 bbls, Rotterdam
SIZE, DRY—148 bgs, Korsholm, Hadiksooll
WOOD—250 lbs, Pentridge Hall, Hamburg; (Port Campbell) 275 bbls, Sydney; 50 bbls, Adelaide
TURPENTINE, GUM—(Korsholm) 80 bbls, Oslo; 10 bbls, Gothenburg; 25 bbls, Helsingfors; 250 bbls, Copeland; (Silverbeech) 235 dms, Capetown; 4 dms, Port Elizabeth; 6 dms, East London; 205 dms, Durban; 5 dms, Lourenco Marques; (Port Campbell) 10 pls, 40 dms, 195 cs, Brisbane; 348 dms, 850 cs, Sydney
WOOD—(Peter Maersk) 10 dms, Yokohama; 20 dms, Kobe; (Port Campbell) 3 dms, 100 pls, Brisbane; 100 dms, 100 pls, Sydney

Tampa Exports

Clearance Dates

Bordeaux, March 15; Clarissa Radcliffe, March 11; Kelkheim, March 7

PHOSPHATE—2,248 tons, Clarissa Radcliffe, Kobe; 7,479 tons, Bordeaux, Yokohama; 3,490 tons, Kelkheim, Rotterdam

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—81,691 bbls, Frederic R Kellogg, Baytown
OIL, FUEL—6,294 bbls, Chiloil, New York
PETROLEUM, CRUDE—66,931 bbls, Virginia, Port Neches; 103,185 bbls, A C Bedford, Baytown; 110,370 bbls, Charles Pratt, Baytown; 66,411 bbls, Beta, Texas City; 29,932 bbls, Federal, Houston; 140,836 bbls, W S Farish, Paytown; 70,483 bbls, Ario, Providence

Galveston Coast Trade

CARBIDE, SILICIDE ABRASIVE—2,210 bgs, Wm A McKenney, Houston
SULPHUR—7,400 tons, W R Keever, Tampa

Los Angeles Coast Trade

GASOLINE—20,887 bbls, Utacarbon, Port San Luis; 4,732 bbls, S & C No 41, San Diego; 5,423 bbls, S & C No 2, San Diego; 44,981 bbls, Warwick, Oleum; 82,308 bbls, Agwiworld, San Francisco; 8,000 bbls, Hagan, Sewaren
KEROSENE—2,981 bbls, Utacarbon, Port San Luis; 65,000 bbls, Hagan, Sewaren
OIL, DIESEL—4,796 bbls, S & C No 2, San Diego; 2,554 bbls, La Brea, Seattle; 395 bbls, S & C No 2, San Diego
FLUSHING—2,584 bbls, Tejon, Davenport
FUEL—44,865 bbls, Cathwood, San Diego; 46,472 bbls, Brazos, San Diego; 60,604 bbls, La Brea, Seattle; 63,312 bbls, Tejon, Davenport; 66,384 bbls, Emidio, Seattle; 4,818 bbls, Scotia, Eureka; 49,986 bbls, Topila, Portland
ROAD—2,829 bbls, La Brea, Seattle
SOLVENT CLEANING—1,784 bbls, Utacarbon, Port San Luis

New Orleans Coast Trade

PEPPER, WHITE—162 bgs, Helen, Houston

San Francisco Coast Trade

ACID—21 tons, Iniskin, Tacoma
BORIC—17 tons, Robert Luckenbach, New York
12 tons, Felix Taussig, Brooklyn
TARTARIC—13 tons, Robert Luckenbach, New York
ALUMINA SULPHATE—400 sks, Astoria, Portland, Ore
500 sks, Astoria, Long View
AMMONIA AQUA—8 cs, Coloradan, Portland, Ore
ASPHALT—125 bbls, Santa Paula, New York
BLOOD, DRIED—905 sks, Golden West, Los Angeles
BONE MEAL—400 sks, Astoria, Portland, Ore
BRISTLES—1 cs, American, Boston
CASEIN—30 tons, Iniskin, Seattle
SPREADER—14 tons, Hawaiian, Port Newark
CHLORINE BLEACH, LIQUID—1,900 cs, Point Judith, Tampa
800 cs, Point Judith, Beaumont
2,500 cs, Arkansan, Jacksonville
1,000 cs, Arkansan, Savannah
1,250 cs, Arkansan, Charleston
3,250 cs, Arkansan, Baltimore
1,400 cs, Peter Helms, Seattle
49 tons, Robert Luckenbach, Boston
99 tons, Robert Luckenbach, New York
100 tons, Robert Luckenbach, Philadelphia
4,000 cs, Hawaiian, New York
4,000 cs, Hawaiian, Philadelphia
4,000 cs, American, New York
4,000 cs, American, Philadelphia
COCONUT, DESIC—200 cs, Point Judith, New Orleans
13 tons, Felix Taussig, Baltimore
31 tons, Felix Taussig, Norfolk
COPPER SULPHATE—14 tons, Arkansan, Jacksonville
CRACKLINGS—672 sks, Golden West, Seattle
CUMIN SEED—1 sk, American, Los Angeles
DRUGS—4 cs, Coloradan, Seattle
650 cs, 1 kg, Coloradan, Portland, Ore
EARTH, PLASTIC—6 cs, Celilo, Los Angeles
ETHYLENE DIBROMIDE—13 tons, Minnesotan, Philadelphia
FLAVORING SYRUP—33 cs, Coloradan, Seattle
2 cs, Coloradan, Tacoma
GLUE—41 tons, San Felipe, Norfolk
150 pkgs, Peter Helms, Seattle
DRY—25 tons, Robert Luckenbach, Boston
25 tons, Robert Luckenbach, New York
HYDROGEN PEROXIDE—26 cs, Coloradan, Portland, Ore
LEAD ARSENATE—1,500 pkgs, Peter Helms, Seattle
IN OIL—500 pkgs, Peter Helms, Seattle
AND LITHARGE—37 tons, San Felipe, Albany
LIME—1,200 pkgs, Peter Helms, Seattle
MAGNESITE—300 sks, Wallingford, Seattle
265 tons, Felix Taussig, Baltimore
UNGROUND—24 tons, Robert Luckenbach, Philadelphia
252 tons, American, Philadelphia
MAGNESIA CARBONATE—600 sks, Santa Paula, New York
HYDROXIDE—68 dms, Santa Paula, New York
15 tons, Robert Luckenbach, New York
MANURE, SHEEP—23 tons, American, Philadelphia
MILK POWDER—275 cs, Point Judith, Tampa
OIL—1,800 pkgs, Dorothy Wintermote, Seattle
COTTONSEED—2 dms, Felix Taussig, Los Angeles
FISH—575 tons, Washington, Bayway
FURNACE—77,000 bbls, K R Kingsbury, New York
OLIVE—18 dms, Coloradan, Seattle
SARDINE—7 tons, Texan, Seattle
PAINT—600 pkgs, Peter Helms, Tacoma
1,200 pkgs, Peter Helms, Seattle
1,381 pkgs, Astoria, Portland, Ore
DRY—2 bbls, Point Judith, New Orleans
PETROLEUM GAS, LIQUID—15 tons, Texada, Seattle
57 cyls, Peter Helms, Tacoma
PRODUCTS—180 tons, Texada, Seattle
758 pkgs, Astoria, Portland, Ore
756 pkgs, Astoria, Linton
SALT—4,000 pkgs, Brookings, Portland, Ore
205 tons, Texada, Seattle
107 tons, Iniskin, Seattle
1,126 tons, Peter Helms, Tacoma
1,800 pkgs, Peter Helms, Seattle
720 sks, 2,864 pkgs, Astoria, Portland, Ore
531 pkgs, Astoria, Long View
1,200 pkgs, Dorothy Wintermote, Tacoma
2,100 pkgs, Dorothy Wintermote, Seattle
1,050 tons and 600 pkgs, Wallingford, Tacoma
SAND—800 pkgs, Peter Helms, Seattle
600 sks, Dorothy Wintermote, Seattle
600 sks, Wallingford, Seattle
SOAP—1,150 cs, Brookings, Portland, Ore
15 tons, Iniskin, Tacoma
2,000 pkgs, Dorothy Wintermote, Seattle
1,200 cs, Wallingford, Seattle
SODA SILICATE—105 dms, Astoria, Portland, Ore
1,000 sks, Astoria, Long View
400 sks, Dorothy Wintermote, Tacoma
SULPHIDE, FLAKES—15 tons, Point Judith, New Orleans
SOLUBLE SULPHONATE—15 tons, Hawaiian, Port Newark
SPRAY, TREE—500 cs, Brookings, Portland, Ore
200 pkgs, Peter Helms, Seattle
600 dms, Dorothy Wintermote, Seattle
125 dms, Wallingford, Seattle
SULPHUR—15 tons, Texan, Seattle
SULPHUR—327 sks, Astoria, Portland, Ore
TANKAGE—1,680 sks, Golden West, Seattle
TOILET PREPS—18 cs, Coloradan, Portland, Ore
269 cs, Santa Paula, New York
WATER, MINERAL—5 cs, Point Judith, Beaumont

Chilean Nitrate Sales Corp. Accused by F.T.C.

Use of unfair methods of competition involving false and misleading advertising in promoting the sale of Chilean nitrate of soda, a South American product used for fertilizer purposes, is charged in a complaint issued by the Federal Trade Commission against Chilean Nitrate Sales Corporation, this city.

Also named as a respondent is Chilean Nitrate Educational Bureau, Inc., a subsidiary disseminating advertising material for Chilean Nitrate Sales Corporation, which has branch offices at Raleigh, N. C.; Atlanta, Ga.; Montgomery, Ala.; Jackson, Miss., and Los Angeles.

In addition to advertising in newspapers, magazines and circulars to purportedly describe the efficacy of nitrate of soda imported from Chile, the respondent corporations are said to have made and exhibited to large audiences of purchasers and prospective purchasers a motion picture with dialogue, divided into two distinct sections. The first part of the film portrayed the mining and refining operations and other details necessary to bring the respondent corporations' product to the American farmer. The second section, according to the complanit, was a photographic history of an experiment in which the effect of Chilean nitrate of soda on plant growth is compared with the effect of synthetic nitrate of soda.

The complaint alleges that the respondent corporations prepared and presented the material in their advertising matter and motion picture in such manner as to represent falsely, either directly or by implication:—That soil generally found in agricultural districts is lacking in the minor elements, boron and manganese, a deficiency that can, under all conditions, be supplied by use of Chilean nitrate of soda, which is more effective because it is a natural and not a synthetic product; that use of Chilean or natural nitrate of soda is the only efficient way to build up soil deleted of boron and manganese so as to properly support plant life and growth; that the experiment portrayed in the motion picture was not conducted with sterile sand but with material similar to soil generally found in agricultural districts; that the chemically pure laboratory salts used in such experiment were domestic commercial products, and that the results obtained during the experiment were similar to those to be expected from the use, under ordinary farming conditions, of Chilean nitrate of soda.

Regarding these allegedly false representations on the part of the respondent corporations, the complaint sets out that soil generally found in agricultural districts is not deficient in boron and manganese; that where such a deficiency occurs it cannot, under all conditions, be supplied by use of Chilean nitrate of soda; that boron and manganese may be added in sufficient quantities to commercial synthetic nitrate of soda to build up soils lacking in these elements so as to be as effective as a natural product, and that use of Chilean or natural nitrate of soda is not the only efficient way to build up soil.

The complaint further alleges that the experiment filmed by the respondent corporation was not conducted with material similar to that usually found in agricultural districts, that the salts used in the tests were not commercial but were non-commercial laboratory-produced materials, and that the results obtained during the experiments portrayed are not similar to those to be expected from use of Chilean nitrate of soda under ordinary farming conditions.

Twenty days from service of the complaint is allowed the respondent corporations to file answer to the allegations that their practices are violative of Section 5 of the Federal Trade Commission Act.

At the offices of the Chilean Nitrate Sales Corporation it was stated that the complaint had not been seen although word of its issuance had been received from Washington. H. C. Brewer, director of agricultural research, said that the motion picture referred to, consisted first of a film of authentic pictures taken in Chile and second of a film of scientific laboratory experiments. The latter film was made, according to Mr. Brewer, by the New Jersey Agricultural Experiment Station and based upon experiments conducted by it. The experiments shown were entirely in line with accepted scientific method and have received general scientific acceptance according to Mr. Brewer.

He further stated that the company was at a loss to understand how the exhibition of the film can possibly be made the base of a charge of false or misleading advertising. As to the advertising matter in the complaint, Mr. Brewer declared that no statement has been used in the company's advertising that is not supported by independent, scientific research of recent years.

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended March 24

Areca nuts, 36 bags; worm eaten.
Balsam, 9 cases; restricted use.
Caffeine, with soda benzoate, ampoules, 1 case; not N. F.
Caraway seed, 150 bags; filthy.
Chlorophyl, 2 cases; restricted use.
Cod oil, technical, 750 barrels; restricted use.
Coriander, seed, 613 bags; filthy.
Cumin seed, 43 bags; filthy.
Digitalis, 20 cases; not U. S. P.
Fennel seed, 47 bags; filthy.
Gentian root, 32 bags; excessive moisture.
Glucose solution, ampoules, 7 cases; not N. F.
Kamala, 62 bags; deficient in ether soluble extractive.
Mace, 33 cases; filthy.
Medicinal preparation, 17 cases; false therapeutic claims.
Orange flower water, 80 carboys; not U. S. P.
Poppy seed, 250 bags; filthy.
Sandalwood, 32 bundles; deficient in ether soluble extractive.
Stramonium, 42 bales; deficient in alkaloids; excessive acid insoluble ash.

Baltimore

Week Ended March 24

Medicinal preparation, 1 case; false therapeutic claims.

Buffalo

Week Ended March 24

Medicinal preparation, 1 case; false therapeutic claims.

Philadelphia

Week Ended March 24

Caraway seed, 100 bags; filthy.
Fennel seed, 100 bags; wormy.
Medicinal preparation, 13 cases; false therapeutic claims.
Paprika, 150 bags; damaged by water.

San Francisco

Two Weeks Ended March 18

Medicinal preparations, 610 pieces; false therapeutic claims.
Medicinal preparations, 200 pieces; acetanilid not declared.
Medicinal preparations, 2,000 pieces, alcohol not declared.

Seattle

Week Ended March 4

Medicinal preparations, 2 pieces; false therapeutic claims.

VOL 131 NO 13 MAR 37 XUM

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

FOR HAWAIIAN Market, sales promotional executive successfully identified with drug industry must return to Hawaii for personal reasons. Necessitates severing present position. Interested in hearing from concern desiring representation by man born and raised in Territory, but whose training has been obtained on mainland. Splendid qualifications and personal background in Hawaii. Protestant, married, age 33, university education. Willing to work on a reasonable salary and sales bonus basis. BOX 995, Oil, Paint and Drug Reporter.

FIRM WITH headquarters in Cincinnati and covering Louisville, Dayton and Columbus would be interested in representing producers of pigments, oils, chemicals or other raw materials. BOX 999, Oil, Paint and Drug Reporter.

Agents Wanted

NATIONAL MANUFACTURER of waterproofing concrete compounds, cold water paints, metallic industrial floor applications, and allied technical paints. Open to appoint distributors for the complete lines. BOX 628, Pasadena.

Capital Offered

SERVICES AND capital of chemist-executive available. Twenty years of sales, manufacturing and research experience in industrial chemicals and chemical specialties. Desires responsible connection with well-established company. Communications to be treated confidentially. BOX 968, Oil, Paint and Drug Reporter.

CAPITAL AVAILABLE for investment in or purchase of a bona fide business with possibilities of expansion in the chemical, chemical specialties, or pharmaceutical fields, or a branch of these, investor wishing to work in establishment. BOX 890, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 955, Oil, Paint and Drug Reporter.

JAR MILLS; porcelain and silex lined pebble mills; vacuum pumps; bucket elevators; copper kettles; 2,500-gallon aluminum kettle; rotary steam dryer. Edw. W. Lawler, Inc., Durham avenue and L.V.R.R., Metuchin, N. J.

Equipment Offered

FROM the $10,000,000 Spreckels liquidation. —Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 500 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

HAMMERMILLS, magnetic separators, mixers, attrition mills. Request our lists and catalogs, new and rebuilt machinery. Many satisfied customers among drug, chemical and feed millers. Jacobson Machine Works, 1078 Tenth avenue S. E., Minneapolis, Minn.

FOR SALE: One ton Brunswick refrigerator unit fully automatic; one 80 gal. monel pressure tank removable cover; One ozonation unit. Diamond Laboratories. Bloomfield, N. J. Phone Bloomfield 2-0464.

Factories Offered

CALCIMINE and whiting factory located on Long Island City waterfront; approximately 75x230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

CHEMICAL PLANT — Three connecting one-story brick buildings, 15,000 sq. ft., 20′ headroom, concrete floors, high pressure steam, 24 hrs day, railroad siding, yard. Unrestricted district; 15 minutes to Manhattan. The R. L. Kraft Company, Woolworth Building. COrt. 7-9377.

Materials Offered

FOR SALE—Glycerine and diglycol oleate, excess stock, in original drums. Will quote delivered price or will give your offers for your requirements consideration. Florida Citrus Research Laboratory, Dunedin, Fla.

Materials Offered

GERMAN FACTORY desires permanent consumers of high value unextracted brewery yeast (ceremeal) (about 52 percent prot.) and will be pleased to receive offers f.o.b. Bremen or Hamburg under Akl, 10,350 care of Ala Anzeigen A. G., Berlin W 35.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 954, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN — experienced in extracts, flavors and essential oils. Following amongst ice cream, candy, baker and liquor manufacturers — must have car. Willing to travel. Sell for old established concern. Give age and full particulars. All information confidential. BOX 107, Oil, Paint and Drug Reporter.

CHEMIST WANTED—Must have extensive experience in research, formulation and production of paints, varnishes, lacquers and synthetics. In applying, state age, academic training, experience and approximate salary desired. BOX 109, Oil, Paint and Drug Reporter.

AN OPPORTUNITY for someone! A nationally known firm requires the services of a salesmanager of high calibre for its Metropolitan division. He should be familiar with and have had experience in the drug line, have a thorough knowledge of essential oils and allied materials and, preferably, an educational background in pharmacy. To have consideration, applications must state whether married or single, age, height, weight, religious affiliation and nationality, education, past business experience, salary expected, and such other information as might influence a decision. Send photograph if possible. The position requires a man of good appearance, not beyond middle age, with poise, character and ambition—one who will appreciate an opportunity to make a permanent place for himself through hard work in an organization of highest standing. Reply at once, BOX 992, Oil, Paint and Drug Reporter.

Positions Wanted

FOREMAN SHADER—All-around shader or tinter, 15 years experience, would like to locate with a reliable firm as factory foreman, or shader; understand from mixing down; now employed; will locate anywhere; A-1 references. BOX 953, Oil, Paint and Drug Reporter.

EXECUTIVE, drugs, chemicals, surgicals, available for reliable manufacturer representation in East. Willing to establish office and ware-room if necessary, preferably Philadelphia or New York. Vast experience coast to coast wholesalers, manufacturers, hospitals, etc. BOX 993, Oil, Paint and Drug Reporter.

ENAMEL, LACQUER and varnish formulator, tester and research worker. Eight years' exceptional experience. BOX 998, Oil, Paint and Drug Reporter.

CHEMIST, 38, married. Coal water, oil, flue gas analysis. Water treatment control, boiler efficiency and capacity tests and economical operation. BOX 976, Oil, Paint and Drug Reporter.

GRADUATE CHEMIST with laboratory and plant experience wants position in textile or chemical field. BOX 108, Oil, Paint and Drug Reporter.

RESEARCH and development chemist has had five years' experience in petroleum refining. BOX 110, Oil, Paint and Drug Reporter.

ANALYTICAL and research chemist with special experience in water treatment, pharmaceuticals and dyeing. BOX 111, Oil, Paint and Drug Reporter.

CHEMIST with production experience in pharmaceuticals and cosmetics. BOX 112. Oil, Paint and Drug Reporter.

CHEMIST, thorough business training, wide sales promotion and sales executive experience, seeks position of responsibility with progressive chemical concern. Employed at present. Highest references. BOX 113, Oil, Paint and Drug Reporter.

PAINT, VARNISH, lacquer and synthetic resin chemist available for connection with pigment or resin manufacturer. Twelve years' broad experience in development and production of industrial finishes. Graduate work and publications. BOX 114. Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought.. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals, some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ½″ to 2″ dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26″ Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6″ to 42″ size.
3—Buffalo 32″x90″ Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
8—Copper and Aluminum Jacketed Kettles, 175 to 400 gals.
9—Roller Mills 3x10 up to 16x40.

Miscellaneous; Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y. Phone: Barclay 7-0600

Plant: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment

FOR IMMEDIATE SHIPMENT

FILTER PRESSES

3—JOHNSON 36″ iron plate and frames, side feed, open delivery and washing type; 58 chambers—1″ cake.
1—JOHNSON 36″ iron plate and frame, corner feed, closed delivery type; 21 chambers—2″ cake.
1—SHRIVER 36″ iron recessed plates—24 chambers—1″ cake.
1—SWEETLAND No. 7 Filter-press.

MILLS

1—STURTEVANT No. 1½ Ring-roll Mill.
2—RAYMOND—No. 5 Ring-roll Mills, low side.
1—SPROUT-WALDRON 16″ Ball-bearing Attrition Mill.
1—WILLIAMS Hammermill.

EVAPORATORS

2—PFAUDLER Enamelled Type "B" Vacuum Evaporators; jacketed and with internal coils; complete with pump.
1—SWENSON Triple Effect; 1—Single effect.
1—COPPER Vacuum Pan, 7′ with coils, complete with pump.
1—COPPER Vacuum Pan, 6′ with coils, complete with pump.

"Only one can be FIRST"

Cable Address: EFFEMCY

FIRST MACHINERY CORPORATION

419 Lafayette St., N.Y. F M C GRamercy 7-6622

Fertilizer 'Trust' Probe Still Being Carried On

WASHINGTON, Mar. 24, 1937.

Investigation of the fertilizer industry under the antitrust laws is being continued by the Department of Justice, it was disclosed during the hearings on the pending appropriation bill for that department.

During testimony on the appropriation for the antitrust division, John Dickinson, who at that time was Assistant Attorney-General, was asked about the fertilizer investigation by Representative Malcolm C. Tarver of Georgia, who was largely responsible for having this investigation started last year. In reply, Mr. Dickinson said, in part:—

Perhaps the most notable outcome of the investigation, whatever it is worth, was the fact that very shortly after it was announced that we had started on the investigation, the price of one of the fertilizer ingredients that had been pretty stable up to that time, so-called "Florida land pebble," broke sharply.

The Bureau of Investigation has conducted, at our request, a great many interviews with people engaged in various branches of the fertilizer industry, with the Farm Bureau Federation, county agents —people of that kind—and all I can say about it is that we are simply continuing the investigation, which may and probably does have a good effect.

Our investigation resulted in a finding that prices of mixed fertilizers showed fluctuations and a downward tendency over the period studied. However, we were unable to discover that the sudden drop in the price of Florida land pebble exerted any noticeable effect on the prices of mixed fertilizers. They went on going down as they had been going down during 1935, but they did not reflect the violent decline in the price of Florida land pebble.

We also discovered a rigidity in the price of sulphuric acid, which is rather surprising in view of the fact that anybody can make sulphuric acid.

Mr. Dickinson also stated that his division was looking into the reasons why the price of Tennessee phosphate rock did not drop when Florida land pebble prices did. Part of the investigation, he explained, is an attempt to evolve some sort of index of mixed fertilizer prices so as to get an accurate picture of the price structure and its movements, but he added that this is a difficult task because of the number of brands and grades. He said his division had collected "about a ton" of price schedules from fertilizer manufacturers and is still analyzing them.

Hale & Holmes Reorganizes

The Hale & Holmes Company, paints, Cleveland, has made changes in officers and capital structure, effective March 1, with a view to enlarging its services. The new officers are:—President, Robert H. Withlow, who has purchased a controlling interest in the company; vice-president, Philip Learoyd; secretary, Earl C. Frawley. E. T. Holmes continues in active management of the company. Mr. Withlow has had the experience of 25 years' representation of the Pratt & Lambert Company, Buffalo, and vice-president of the Cleveland Paint & Color Company since its incorporation in 1929.

Index to Advertisements

Advance Solvents & Chemical Corp.. 68
Alexander, Jerome..... 58
Ambassador, The..... —
American Agricultural Chemical Co.... —
American-British Chemical Supplies, Inc. 33
American Can Co..... —
American Chemical Products Co..... —
American Chlorophyll, Inc..... 44
American Cyanamid & Chemical Corp. —
American Flange & Mfg. Co..... —
American Fluoride & Chemical Corp.. —
American Potash & Chemical Corp.... —
American Seitz Filter Corp..... 44
Anaconda ..... —
Anderson-Prichard Oil Corp..... 39
Ansbacher-Siegle Corp..... —
Apex Chemical Co., Inc..... —
Atlantic Refining Co..... —

Baker, J. T., Chemical Co..... —
Barium Reduction Corp..... 1
Barrett Company.....32, 57
Belle Alkali Co..... 48
Benckiser, Joh. A..... —
Benzol Products Co..... —
Binney & Smith Co..... 38
Bradley, A. J., Mfg. Co..... 41
Brode Corp., The..... 43
Bruecke, Albert H..... 41
Bureau of Chemistry..... 58
Bush, W. J., & Co., Inc..... 53

Calco Chemical Co., Inc..... —
California Fruit Growers Exchange..20, 54
Carbide & Carbon Chemicals Corp..... 2
Carey, The Phillip, Co..... —
Chemical Solvents, C. P., Inc..... 68
Chilean Nitrate Sales Corp..... —
Church & Dwight Co..... 29
Cliffs-Dow Chemical Co..... 1
Colton, Arthur, Co..... 41
Columbia Alkali Co..... —
Columbian Carbon Co..... 38
Commercial Solvents Corp..... 19
Conewango Refining Co..... 25
Consolidated Products Co., Inc..... 66
Continental Carbon Co..... 8
Cooper, Chas., & Co..... 41
Crown Can Co..... 18

Darling & Co..... —
Deep Rock Oil Corp..... —
Delta Chemical & Iron Co..... 68
Diamond Alkali Co..... 31
Dodge & Olcott Co..... 53
Doggett, Stanley, Inc..... —
Dow Chemical Co..... —
Draper Mfg. Co..... —
Drury, A. C., & Co., Inc..... 51
Dunkel, Paul A., & Co., Inc..... —
Du Pont de Nemours, E. I., & Co..... —

Eagle-Picher Lead Co..... 37
Eastman Kodak Co..... 29
Ehrmann-Strauss Co., Inc..... 48
Electro Bleaching Gas Co..... —
Emery Industries, Inc..... 43
Equitable Bag Co..... —
Eureka Machine Co..... —

Falk & Company..... 44
Fezandie & Sperrle..... —
Filtrol Corp..... —
First Machinery Corp..... 66
Fluorine Products..... —
Frank-Vliet Co..... 51
Franks Chemical Products Co..... 41
Fritzsche Bros., Inc.....54, 55

General American Tank Storage Terminals 15
General Chemical Co..... —
General Dyestuffs Corp..... 68
General Electric Co..... —
General Plastics, Inc..... —
Givaudan-Delawanna, Inc..... —
Glyco Products Co..... —
Gogarty, H. A., Inc..... 60
Gray, William S., & Co..... 1
Gray Industrial Laboratories..... 58
Greeff, R. W., & Co., Inc..... 1
Gross, A., & Co..... 43
Gruman, J. B., Co..... 60
Gulf Oil Corp..... —

Hammond, W. A..... —
Hammond Paint & Chemical Co..... 51
Harshaw Chemical Co..... —
Heekin Can Co..... —
Hercules Powder Co.....10, 11
Heyden Chemical Corp..... 47
Hinde & Dauch Paper Co..... —
Hochstadter Laboratories..... 58
Holt, C. J., & Co., Inc..... 58
Hopkins, J. L., & Co., Inc..... 51
Horn, Jefferys, & Co..... —
Houston Pipe Line Co..... 24
Huber, F., Inc..... 51
Huisking, Chas. L., & Co., Inc..... —
Hutchinson, D. W., & Co., Inc..... 53

Imperial Oil & Gas Products Corp..... —
Imperial Paper & Color Corp..... 39
Independent Mfg. Co..... 44
Innis, Speiden & Co..... —
International Pulp Co..... 41
Irvington Smelting & Refining Works.. 29

Jackson, L. N., & Co., Inc..... 44
Jones & Laughlin Steel Corp..... 33
Jungmann & Co., Inc..... —

Kentucky Color & Chemical Co..... 41
Knight, B. H..... 58
Koppers Company..... 33
Koster Keunen..... 46
Krebs Pigment & Color Corp..... 14

Laning, E. M., Co., Inc..... 58
LaWall & Harrisson..... 58
Lewis, John D., Inc..... —
Lueders, Geo., & Co..... —

Magnetic Pigment Co..... 38
Magnus, Mabee & Reynard, Inc..... 53
Mallinckrodt Chemical Works..... 6
Malmstrom, N. I., & Co..... —
Mathieson Alkali Works, Inc..... —
McCormick & Co., Inc..... 51
McNulty, Joseph A..... 41
Mechling Bros. Chemical Co..... —
Merck & Company..... —
Metalead Products Corp..... 37
Metasap Chemical Co..... —
Michel Export Co..... —
Miel, George A..... 58
Minnesota Specialty Co..... —
Monsanto Chemical Co..... 36
Murray & Nickell Mfg. Co..... 51
Mutual Chemical Co. of America..... 35

National Aniline & Chemical Co., Inc.. —
National Lead Co..... 16
National Milk Sugar Co., Inc..... 48
National Rosin Oil & Size Co..... —
Neuberg, William, Inc..... 48
Neville Co..... —
New Jersey Zinc Co..... —
New York Quinine & Chemical Works, Inc. ..... —
Niacet Chemicals Co..... 55
Niagara Alkali Co..... —
Nichols Copper Co..... —
N. V. Potash Export My, Inc..... —

Oldbury Electro-Chemical Co..... 39
Orbis Products Corp..... 53
Orthmann Laboratories, Inc..... 58
Osborn, C. J., Co..... 41

Pacific Coast Borax Co..... 1
Pacific Food & Drug Laboratories..... 58
Pacific Vegetable Oil Corp..... —
Parsons, M. W..... 48
Pease Laboratories, Inc..... 58
Penick, S. B., & Co..... 50
Pennsylvania Coal Products Co..... —
Pennsylvania Refining Co..... —
Pennsylvania Salt Mfg. Co..... 12
Pfaltz & Bauer, Inc..... 41
Pfizer, Chas., & Co., Inc..... 27
Polachek, Z. H..... 58
Potash Co. of America..... —
Pressed Steel Tank Co..... 68
Procter & Gamble.....43, 48
Purdy, W. S., Co., Inc..... 58
Pure Calcium Products Co..... 1

Reilly Tar & Chemical Corp..... —
Roger, Henry..... 58
Rosenthal, H. H., Co., Inc..... 68
Ryland, H. C., Inc..... 53

Sadtler, Samuel P., & Sons, Inc..... 58
Schimmel & Co., Inc..... 48
Schofield-Donald Co., Inc..... 48
Schwabacher, S., & Co., Inc..... 48
Schwarz Laboratories, Inc..... 58
Scientific Filter Co..... 55
Seil, Putt & Rusby, Inc..... 58
Sharples Solvents Corp..... —
Sherka Chemical Co., Inc..... —
Sherwood Petroleum Co., Inc..... 55
Skelly Oil Co..... 67
Smith, Kline & French Laboratories.... 47
Snell, Foster D., Inc..... 58
Solvay Sales Corp..... —
Sonneborn, L., Sons, Inc..... 68
Southwark Mfg. Co..... —
Staley, A. E., Mfg. Co..... 44
Standard Ultramarine Co..... 41
Stauffer Chemical Co..... 28
Stillwell & Gladding..... 58
Stroock & Wittenberg Corp..... 40
Sundheimer, Henry, Inc..... 29

Taintor Trading Co..... —
Tamms Silica Co..... —
Tar & Chemical Division of Koppers Co. 33
Tennessee Corp..... —
Texas Gulf Sulphur Co., Inc..... 57
Thornton, The F. C., Co., Inc..... —
Thurston & Braidich..... 51
Titanium Pigment Corp..... —
Todd, A. M., Co..... —
Turner, Joseph, & Co..... 29

Union Carbide & Carbon Corp..... 2
United Clay Mines Corp..... —
U. S. Industrial Alcohol Co..... —
U. S. Industrial Chemical Co..... —
U. S. Phosphoric Products Corp..... —
United States Potash Co..... —

Vanderbilt, R. T., Co., Inc..... 1
Victor Chemical Works..... 30
Viking Distributing Co..... 41
Vitab Products, Inc..... 49
Vol-U-Meter Co., Inc..... —
Vorce, L. D..... 58

Wecoline Products, Inc..... 44
Werk, The M., Co..... 43
White Tar Co. of N. J., Inc..... 33
Wiley & Co., Inc..... 58
Will & Baumer Candle Co..... 46
Williams, C. K., & Co..... —
Wishnick-Tumpeer, Inc..... —
Woburn Degreasing Co. of N. J..... 43
Wolf, Jacques, & Co..... —
Wood Preserving Corp..... 33

FAMOUS NAME

SKELLYSOLVE

Special Naphthas for the INK, PAINT, VARNISH, LACQUER and OTHER INDUSTRIES

Its fame is significant, being the result of specializing in industrial naphthas, the result of maintaining quality, uniformity and dependability of service. If you use solvent, doubtless some day you will change to Skelly solvents as many others are doing. Why not consult us now?

Solvents Division

SKELLY OIL COMPANY

121 W. Wacker Chicago, Ill.

PETROLEUM EXTENDERS
Textile Spirits Lactol Spirits Kemsolene
CHEMICAL SOLVENTS
Incorporated
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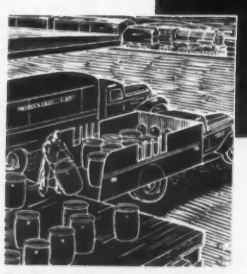

WHAT HAPPENED BEFORE IT WAS EMPTIED?

● Containers receive lots of rough handling between the time they leave the shippers' loading platform and the time they have been completely emptied. The features of easy and rapid handling, which have been designed and built into Hackney containers, not only assure their safe arrival but speed them along every step of the way.

Numerous devices have been perfected to assist the user, as well as the shipper, speed up the handling. The Toggle-tite closure is an example. One pull of the handle and the entire air-tight head may be removed, making emptying and cleaning simpler, faster. Inward projections at the open end are eliminated. The lever is fully protected by the outward curl of the container and does not interfere with rolling or stacking.

Careful selection of the proper container is of vital importance to both the shipper and the user. There is a Hackney barrel, drum, tank or cylinder to meet practically every container requirement of the chemical industry. Write, today, for complete information.

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